



Test Guide

FOR JC261 SERIES V1.1.0

Prepared By: DVR Product Team



Revision Records

Version	Revised Part	Revision Description	Reviser	Revision Date
V1.0.1	Full text	1. Create the initial document.	Oscar Zhang	2023-08-01
V1.0.2	Part 1.2	1. Change the QR code of “WiFiKit APP download link”.	Oscar Zhang	2023-08-19
V1.1.0	Part 1.2, Part 4.9, Part 4.10	1. Update the QR code of WiFiKit 2. Update the ADAS calibration instruction part. 3. Add Part 4.10.	Oscar Zhang	2024-03-20

This document is intended to familiarize customers with JC261 series dashcams and quickly use Jimi platform to test the products.

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1. Overview

1.1 Introduction

The JC261 is a 4G video telematics device that can record up to two channels, an on-device lens with ADAS capability and a peripheral camera, to monitor the place that matters most to you in different scenarios.

1.2 More information

For more information, please check the link or QR code below:

- **User manual:**



- **WiFiKit APP Download Link (Also can download from Google APP Store)**



<https://play.google.com/store/apps/details?id=com.gpstrack.wifikit>

- **WiFiKit APP Download Link (Also can download from Apple APP Store)**



<https://apps.apple.com/id/app/wifikit/id6471400094>

- **JC261 Installation Guide**



<https://www.youtube.com/watch?v=IENrSBOj96I&t=11s>

- **JC261+JC170 Installation Guide**



https://www.youtube.com/watch?v=-rTbtYj5_zI

- **JC261 Product Introduction**



https://www.youtube.com/watch?v=l-JPVCqh4_0

- **JC261P Product Introduction**



<https://www.youtube.com/watch?v=0CIHFElUSe4>

- Difference between JC261 and JC400 Series



<https://www.youtube.com/watch?v=2gMKqbBiLy0>

2. Service Platform Introduction

2.1 Web Client

Tracksolid Pro website address:

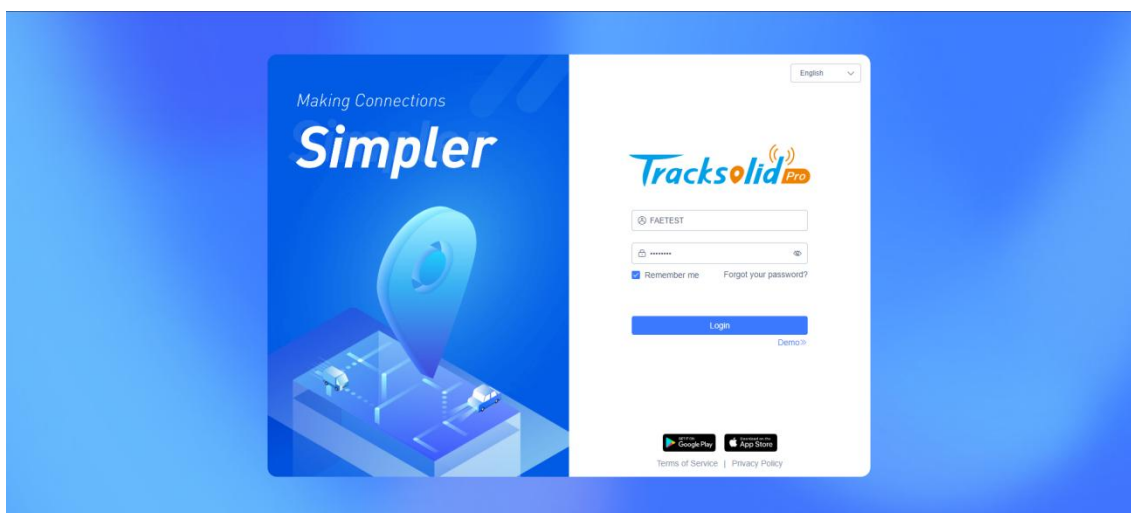
<https://hk.tracksolidpro.com/mainFrame>

where “hk” indicates the login node. Every account has its own default home node, to which the server will switch automatically upon login.

For platform operation guide, refer to:

<https://hk.tracksolidpro.com/resource/dev/index.html#/userManual>

Login interface:



Login in account/password: Use the one provided by your sales contact.

2.2 Mobile App



App for iOS: <https://apps.apple.com/cn/app/tracksolid-pro/id1515254986>

App for Android: <https://play.google.com/store/apps/details?id=com.jimi.tuqiang.tracksolidpro>

3. Preparation

3.1 Overview

3.1.1 Preparation for testing in office

Please prepare the followings below:

- 1) JC261 series main unit*1;
- 2) With JC261/JC261-A, also need external cameras such as CI01, CI03, CE01, CE02, JC170*1;
- 3) Constant power supply*1;
- 4) SIM Card*1;
- 5) TF Card*1;

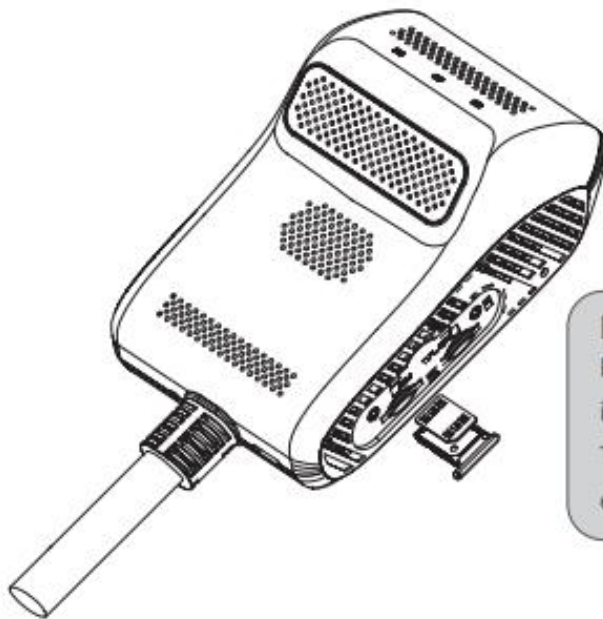
Step1: Device check

Check visually whether the device is in good condition and whether the relevant accessories are complete.

Step2: SIM Card Attachment

Ensure that the device is ACC OFF before attaching a proper SIM card.

To attach and detach the SIM may damage the contacts, **please use the completed Nano SIM card instead**. In addition, the SIM should have data service activated and not in arrears.



Note:

Fit the Nano-SIM into the tray and insert them into the SIM slot.

To remove the card tray, use the ejector tool.

Step3: TF Card Attachment

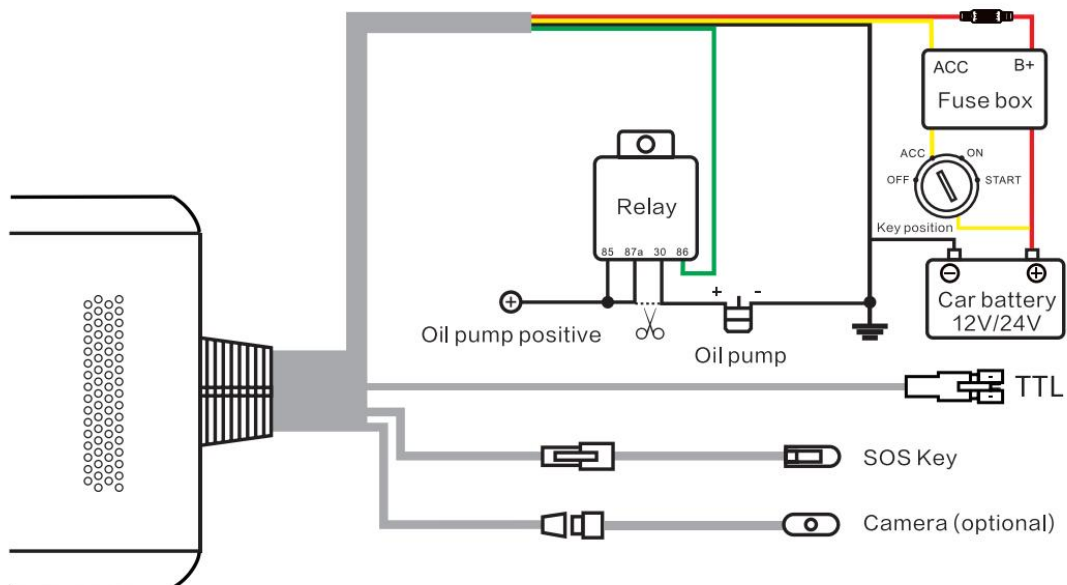
Ensure that the device is ACC OFF before attaching a proper TF card.



Note:

1. Use a TF card in speed class 10 or higher and with a capacity of 32GB or above.
 2. The TF card is recommended to change every half a year to ensure the recording performance of the device.
 3. Mount the tamper cover after the attachment.
- Fit the TF card in the correct slot.

Step4: Wiring Description



Cable	Definition	Color	Usage
Power	B+	Red	To battery positive (9-30V), power input
	GND	Black	To battery negative, power input
	ACC	Yellow	To ACC ON/Positive (9~30V), power input
	Relay	Green	To relay for remote power and fuel cutoff
TTL (optional)	I/O	/	To peripherals, such as oil sensor, card reader, etc.
SOS	SOS	/	To the external SOS key
Camera (optional)	Remote camera	/	Monitor the cabin JC261P can not use this wire

Step5: Power on the device

Use constant power supply to connect B+ & ACC to 12V, and connect GND to negative. The device's RED LED will on after few seconds later. Wait 1-2 minutes, the device should finish the initialization.

3.1.2 Preparation for testing in vehicle

Precautions:

1. This device is not suitable for battery electric vehicles (BEVs) and hybrid electric vehicles (HEVs).
2. Use accessories specified by the manufacturer only.
3. The standard supply for the device is DC9-30V, please use the original power cable and ensure that the positive and negative ends are correctly wired.
4. Remove the protective film on the remote camera prior to installation.
5. It is recommended to ask a distributor, a designated business, or an expert to do the installation and commissioning.

Please check ["1.2 More information-Installation Guide or JC261+JC170 Installation Guide"](#) to know how to install the device on your vehicle.

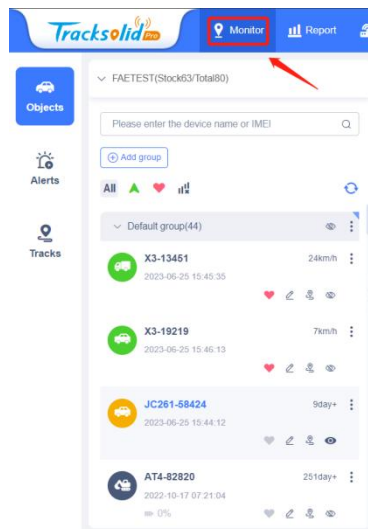
3.2 Make device go online

3.2.1 Device Online Status

You can check the state of the device via the display icons on the web or app client.

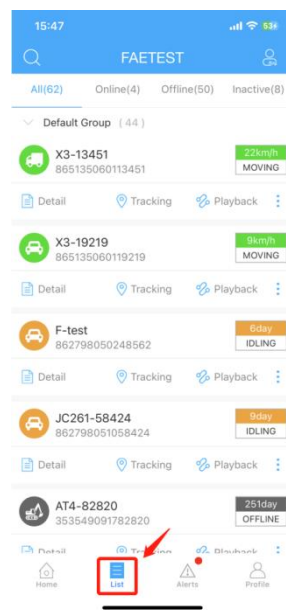
Check device status via Web:

Log in to the web client, go to **Monitor** and then you can know the state of the device, as the following figure shows:








Check device status via App:

Log in to the app client, go to **List** and then you can know the state of the device, as the following figure shows:



Icons in five different colors on the web or app are used to indicate the statuses of the device.

Their meanings are as follows:

- 1)  : The device is online and the vehicle is moving;
- 2)  : The device is online and the vehicle is idling;
- 3)  : The device is online and the vehicle is ignition off;
- 4)  : The device is offline;
- 5)  : The device is not activated.

3.2.2 Self-Check of Device Go-Offline

The LEDs of the JC261 can let you know the **Network status**, please check below:

LED	Color	Status	Connotation
Power	Red	Solid on	Device power on
		On for 0.5s and off for 10s	Device in sleep mode
		On for 1s and off for 1s	No TF card detected or TF card damaged
		Off	No power connected
Network	Blue	Solid on	Connection to server succeeded
		On for 5s and off for 1s	GSM and GPRS networks are available, but connection to server failed
		On for 1s and off for 1s	Only GSM network is available
		Off	GSM network is unavailable
GNSS	Green	Solid on	Location succeeded
		On for 1s and off for 1s	Device is locating/location failed

The following issues may cause the device to go offline:

3.2.2.1 SIM-Related Error

1) GSM network is unavailable or Failure to identify the SIM:

- a) Check if the size of the SIM card is proper, the insertion method is correct, or the SIM card is damaged;
- b) Check if the SIM card is working correctly on your phone or another compatible device.

2) Only GSM network is available:

- a) Check if the SIM card is in arrears or the mobile data is already used up; you can determine if the above issues exist by attaching your SIM card to your phone or another compatible device;
- b) Check if the device has entered a coverage hole or a place where signals are shielded.

3.2.2.2 APN Issue and Fix

If the SIM card works correctly on your phone or another compatible device and the device still fails to go online, the APN settings may be the cause (The device will switch to the corresponding APN automatically by default).

In this case, you can try to change the APN manually to make the device go online. Currently, you can modify the APN of the device by using WiFiKit or SMS commands. The following shows the specific operations.

Method 1:

Set APN with WiFiKit:

Step1:

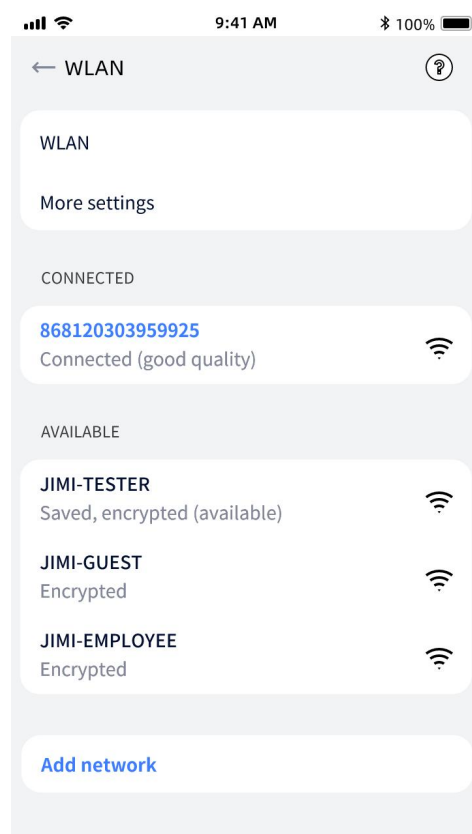
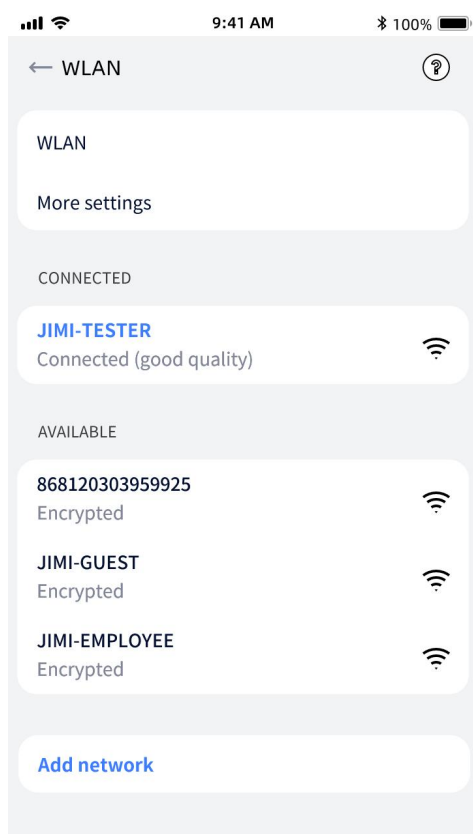
Install WiFiKit

Scan the following QR code to download the WiFiKit APP, it support **IOS & Android** version now:

Step2:

Accessing Device Hotspot

After the JC261 is powered on, its hotspot (with IMEI as the name) will appear in the network list on **Setting > WLAN** of your mobile. The password is the last 8 digits of the device IMEI.





Note:

The device hotspot turn on when ACC ON, and when ACC OF it will turn off. You can use the command below to set the Hotspot name and password also.

Command code: B006

WiFi mode setting

Turn on/off the WiFi hotspot, AP Mode

WIFIAP,<A>,,<C>

A=ON/OFF WiFi hot-spot switch.

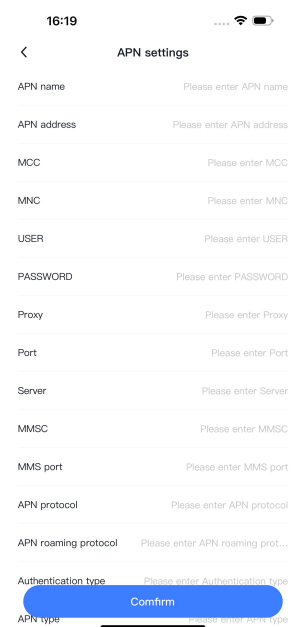
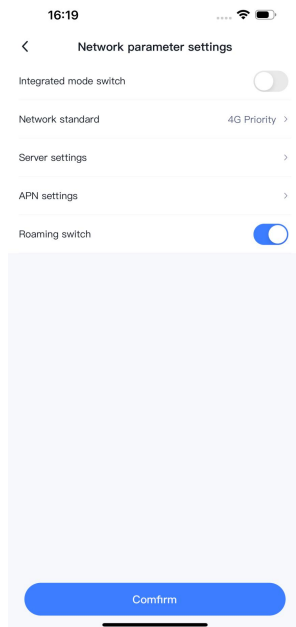
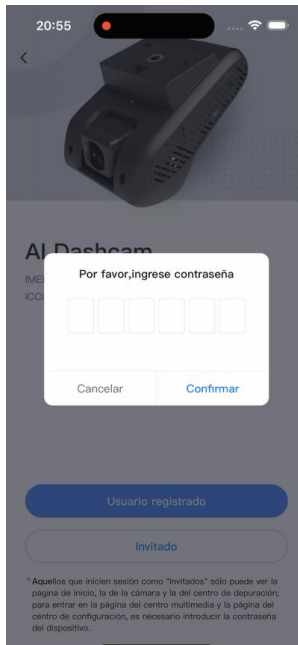
B=Hotspot name, default is IMEI number

C=password, default is last 8 digits of IMEI

E.g: WIFIAP,ON,ABCD,12345678

Step3:

Click and go into **Settings-Network Parameters Settings** page, enter all parameters which your sim card support, please follow the pics below:



You also can Click and go into **Settings-Custom Commands** page, and use the command below:

Add an APN (in detail): **APN,<A>,,<C>,<D>,<E>,<F>,<G>,<H>,<I>,<J>,<K>,<L>,<M>,<N>**

Note:

A=Name / B=APN / C=MCC / D=MNC / E=Type / F=Proxy / G=Port / H=User / I=Server / J=Password / K=MMSC / L=MMS proxy / M=MMS port / N=Numeric

When only A, B, C, and D are required to be set for the APN, you can deliver it as a simple



parameter; if more parameters ("E" and these following it) are required to be set, commas (,) should be used to separate these parameters.

e.g:

APN,vivo,vivo,427,06

APN,vivo,vivo,427,06,,,,JIMI,,JIMI,,

Method 2:

Send an SMS command to JC261:

- 1) Insert an SIM card that is already activated with SMS services to the device;
- 2) Edit a command via your phone and send it to the SIM card in the device;

Note: If the SIM card can receive the SMS, it will send back an SMS carrying a return value.

- 3) SMS command editing rule:

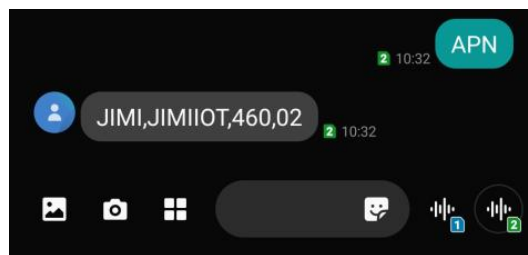
Edit the required SMS command according to the correct format, which you can refer to the Attachment for details. If the command is successfully sent, the device will return an execution result.

Query APN and its settings via SMS:

You can check the current APN parameters via a query command and then send an APN set command to add APNs based on your actual needs.

APN query command (B001) : **APN**

The query result is as follows:



APN set command (B001 & B002):

Add an APN: **APN,<A>,**

Note:

A refers to the name of the access point; while B refers to the address of the access point.

Add an APN (in detail): **APN,<A>,,<C>,<D>,<E>,<F>,<G>,<H>,<I>,<J>,<K>,<L>,<M>,<N>**

Note:

A=Name / B=APN / C=MCC / D=MNC / E=Type / F=Proxy / G=Port / H=User / I=Server / J>Password / K=MMSC / L=MMS proxy / M=MMS port / N=Numeric



When only A, B, C, and D are required to be set for the APN, you can deliver it as a simple parameter; if more parameters ("E" and these following it) are required to be set, commas (,) should be used to separate these parameters.

e.g:

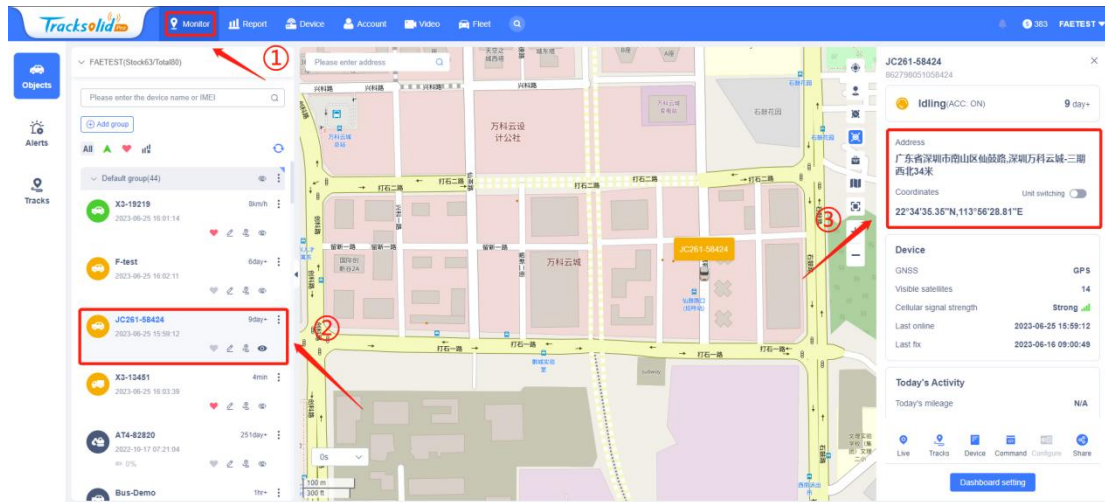
APN,vivo,vivo,427,06

APN,vivo,vivo,427,06,,,,JIMI,,JIMI,,

4. Basic Functions Testing

4.1. Positioning

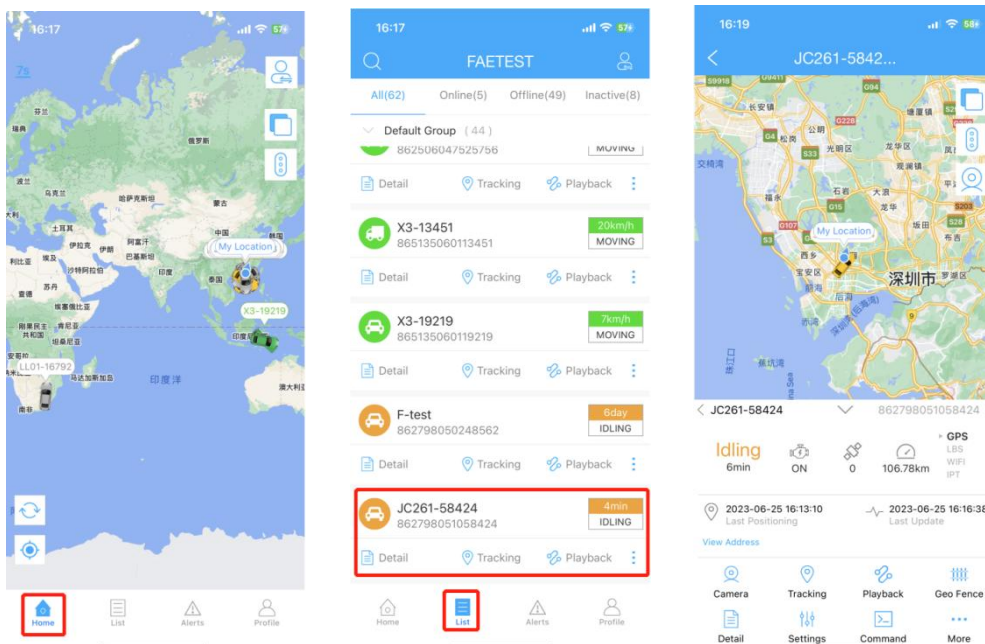
4.1.1 Via Web



- 1) Log in to the web client and go to **Monitor** (① in the figure);
- 2) Select the device of your interest (such as ② in the figure), and then you can see its location on the web client (③ in the figure).

4.1.2 Via App

- 1) Log in to the mobile app, you can see all devices under the login account on the **Home** page.



- 2) To see device details, tap on List and tap on the desired device, as the above figure shows:
- 3) After that, you can view the current location of the device, as the following figure shows:
(If the device is online, then the real-time location will display; otherwise, the location last updated by the device will display.)

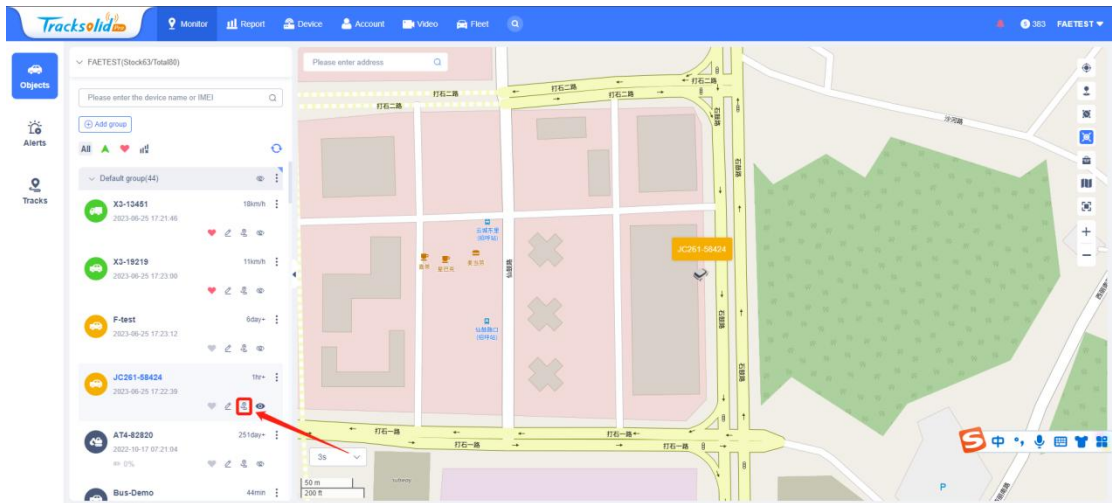
4.2 Historical Route Playback

4.2.1 Via Web

- 1) To view historical routes of a specific device, use one of the following methods:

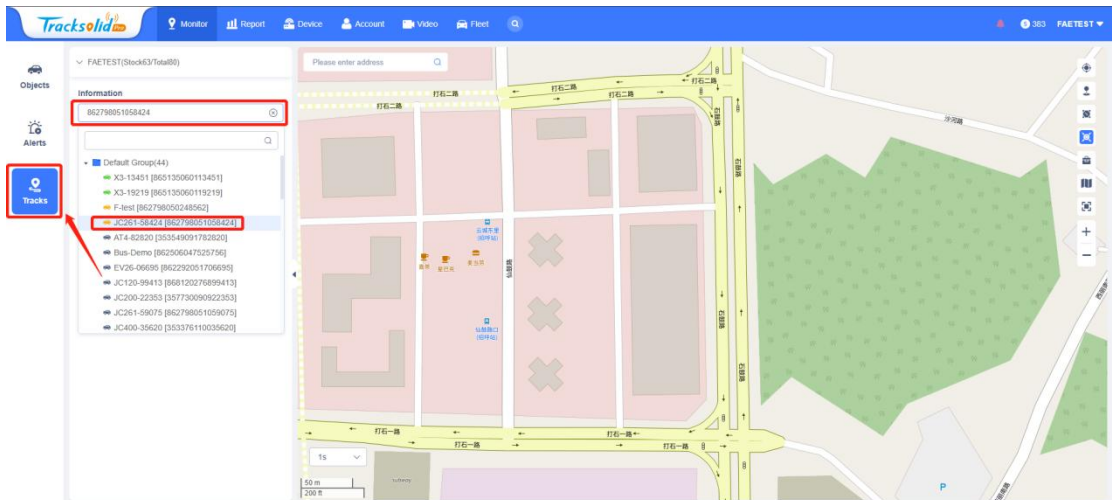
Method 1:

- a) Go to **Monitor** and click on **Objects**;
- b) Select the specific device and go to **Route Playback Icon**;

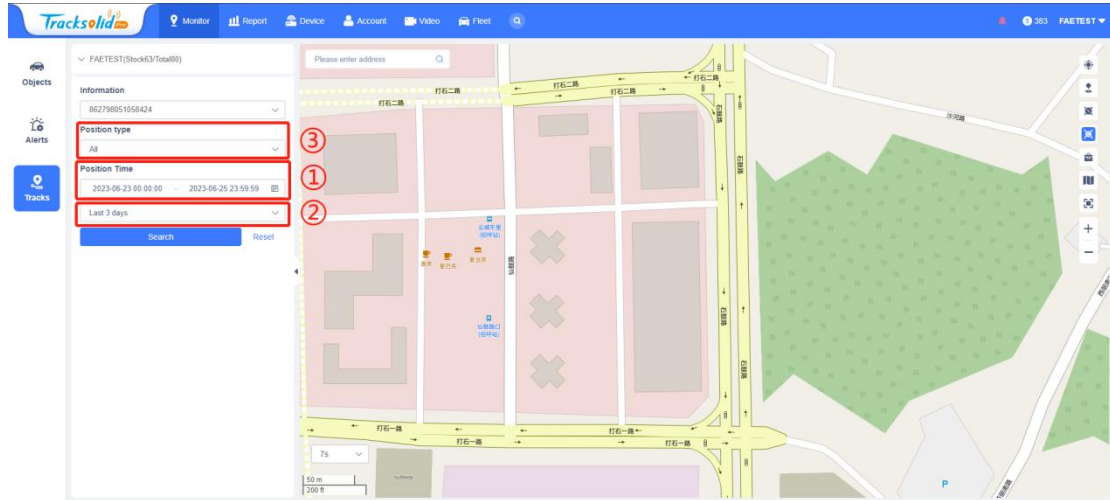


Method 2:

Click on the **Tracks** tab and then specify the **IMEI/Device Name** field, as the following figure shows:

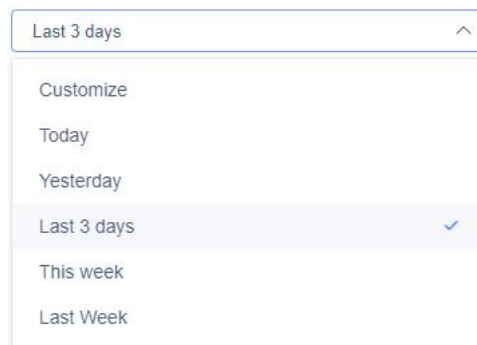


2) Filter route information



- a) Specify a **Start Time** and an **End Time** (① in the above figure);
- b) To have fast access to historical routes of a specific time period, specify a **Tracking Time** (② in the above figure);

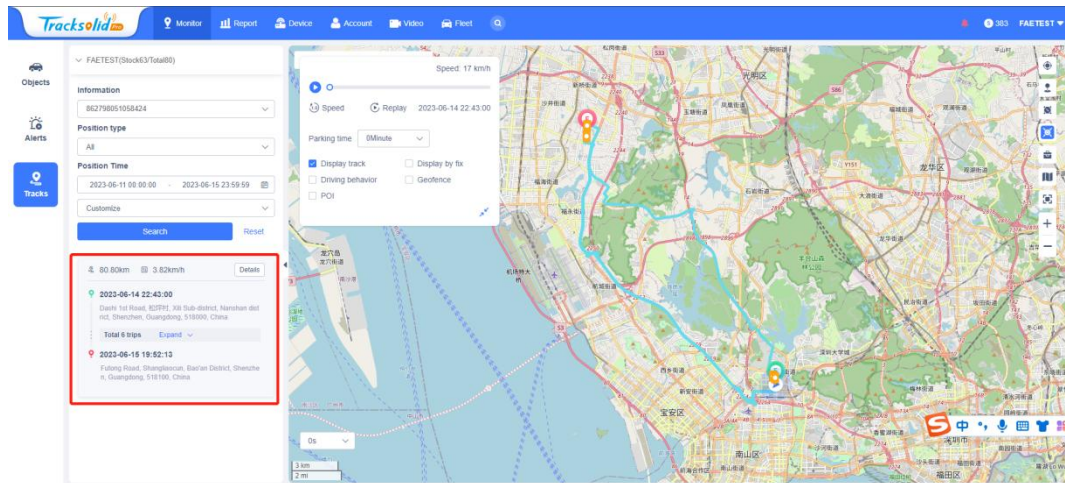
The following figure shows all the tracking periods to choose:



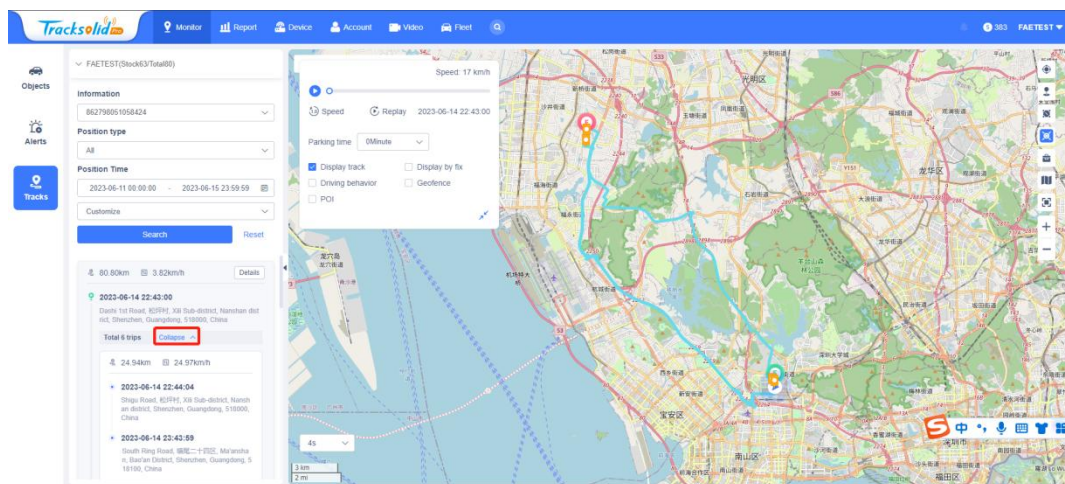
- c) Select a **Position Type** if you want to see the historical routes generated via a specific positioning system (③ in the above figure); the following figure shows all locating types:



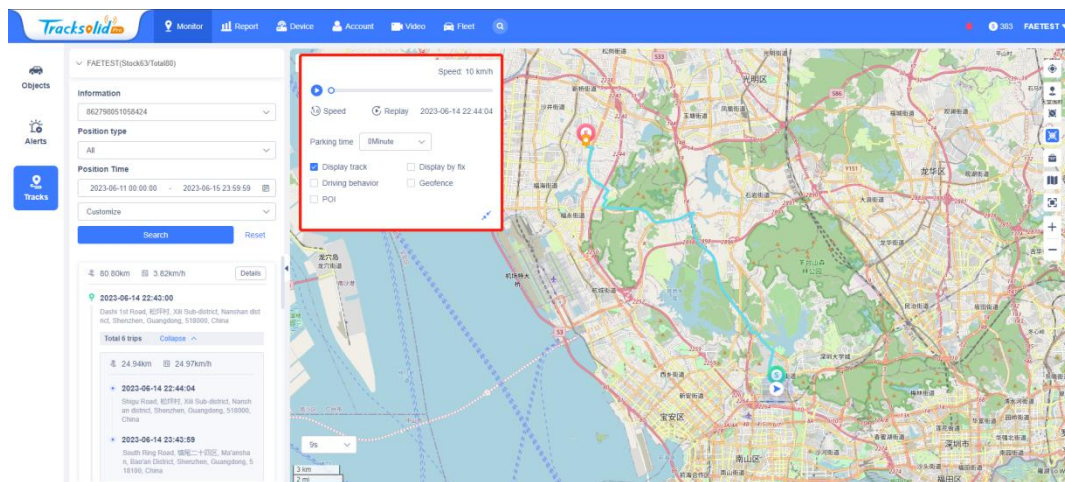
d) Click **Search** and you can see the result, as the following figure shows:



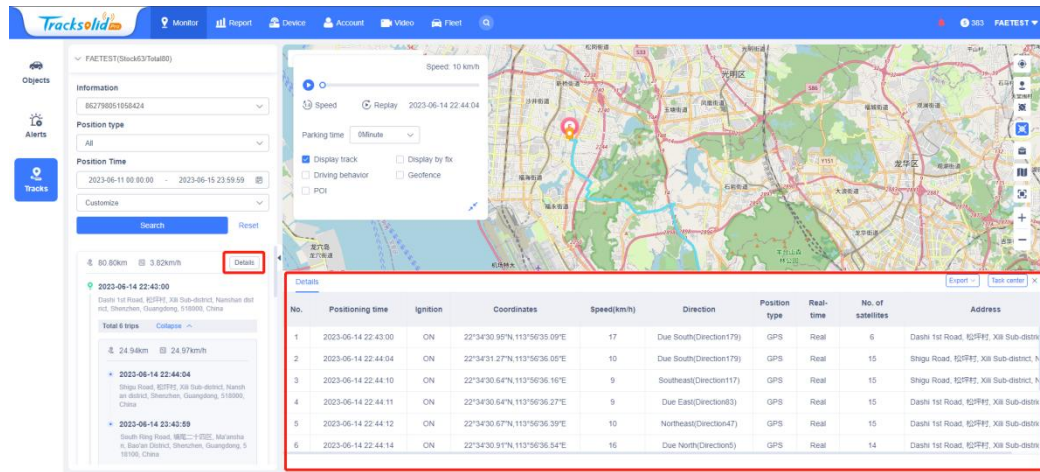
e) Click **Expand** or **Collapse**, you can see the whole route or each trips.



f) Click **Play** button to watch the historical route. You can drag the progress slider, speed slider, or set other parameters to control the playback.

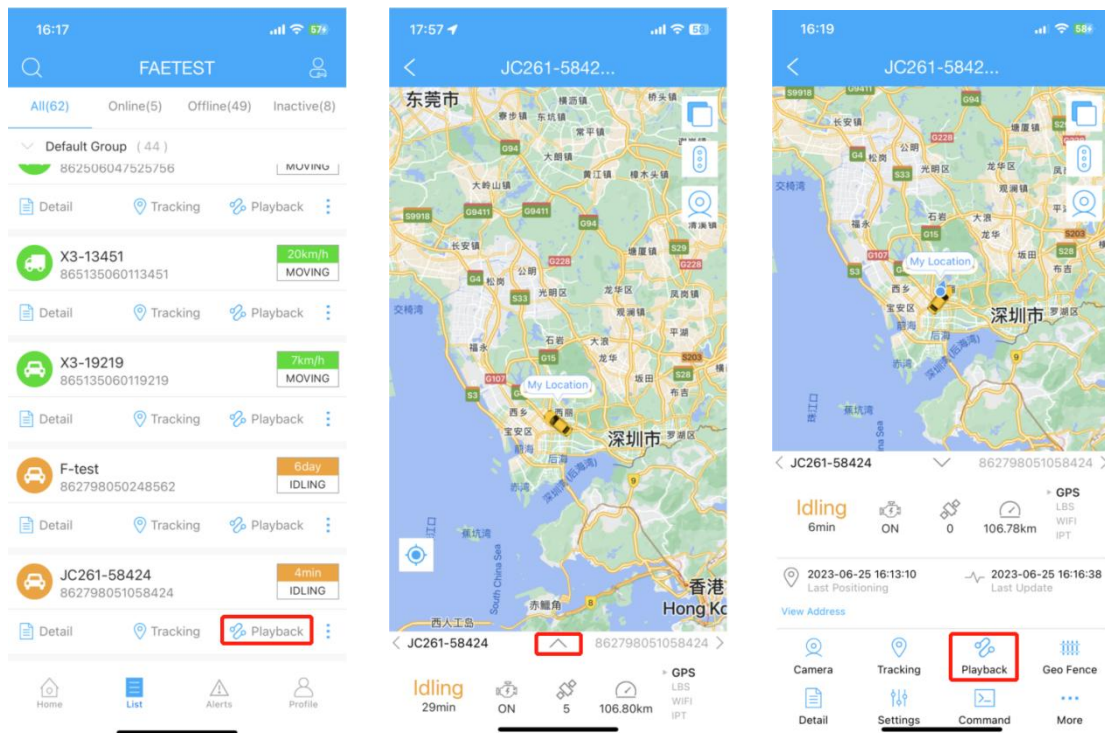


g) Check other information about the route and export the data, as the following figure shows:



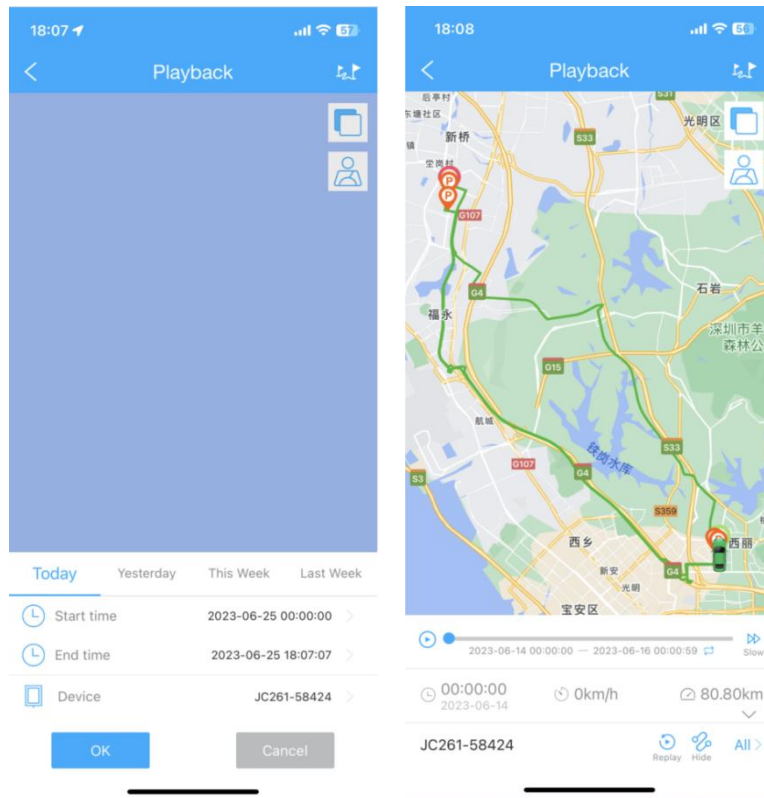
4.2.2 Via App

1) Go to **List** and tap on **Playback** under the desired device, as the following figure shows:



2) Or Tap on the desired device, swipe up to unfold the info bar, tap on **Playback**, as the above figure shows:

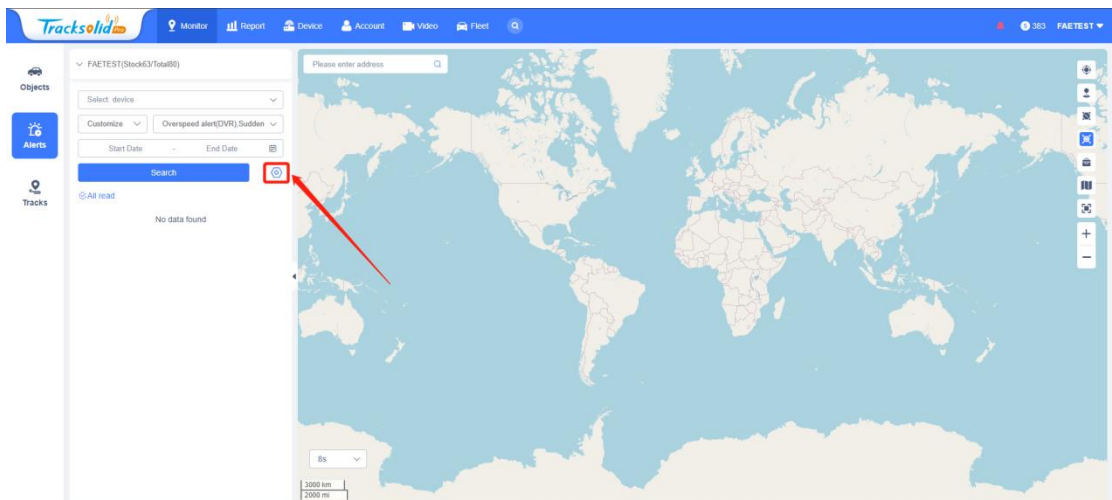
3) Specify the time points to filter historical routes, as the following figure shows:



4.3 Alert Notification Setting

4.3.1 Via Web

Alert push feature on the platform is **disabled by default**. If you want to receive notifications after alerts are triggered, you can go to **Monitor > Events** to enable the feature. The alert settings include **Basic Settings**, **Push Settings**, and **Alert Sound**.



The specific operations are:

1) Basic Settings

Alert Settings [X]

Basic

- * Offline alert threshold: Min. (≥ 10)
 - Sync to subaccounts
- * Parking alert threshold: Min.
 - Sync to subaccounts
- * Idling alert threshold: Min.
 - Speed lower than km/h
 - Sync to subaccounts

[Cancel] [Confirm]

2) Push Settings:

If you want the platform to receive notifications of certain alerts, you can enable the push features of the corresponding alerts in this tab.

Alert Settings [X]

Basic

Push

Sound

The Push setting is used to determine whether to send alert notifications to the w... [v]

Receive device alarms from sub-accounts OFF [Verify]

> Fuel/Power Alerts ON

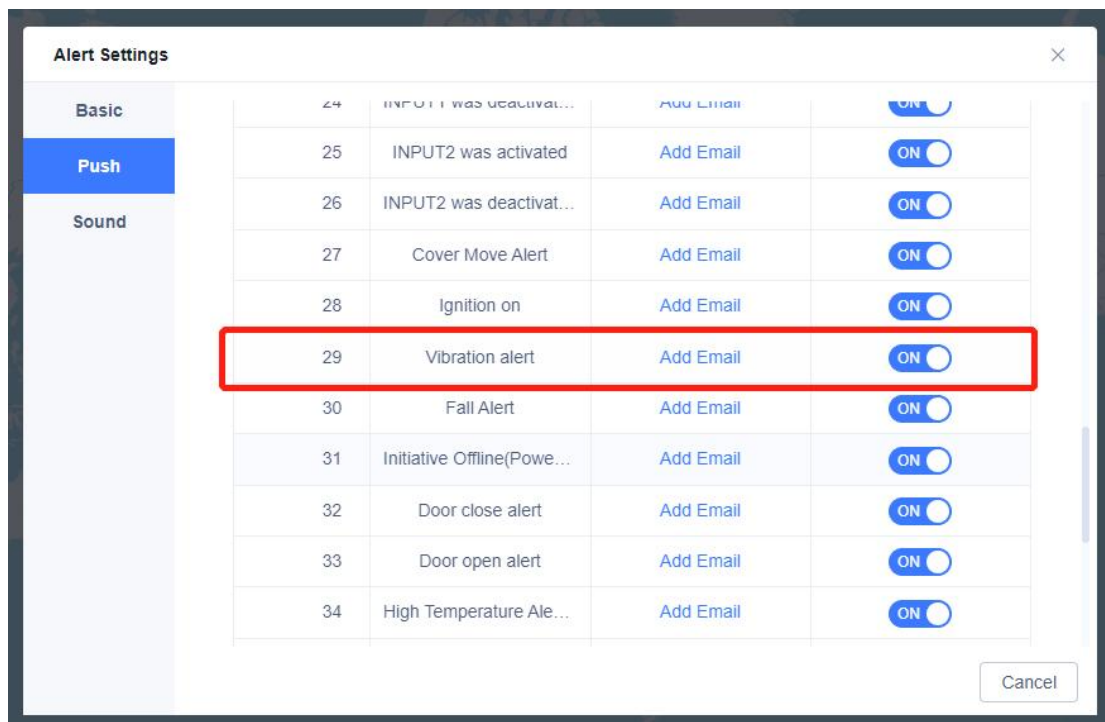
∨ Status Alerts ON

No.	Alert type	Set Email	Action
1	SOS alert	Add Email	<input checked="" type="checkbox"/> ON
2	Enter GPS blind zone ...	Add Email	<input checked="" type="checkbox"/> ON
3	Exit GPS blind zone a...	Add Email	<input checked="" type="checkbox"/> ON
4	Install alert	Add Email	<input checked="" type="checkbox"/> ON
5	High voltage of ABS	Add Email	<input checked="" type="checkbox"/> ON

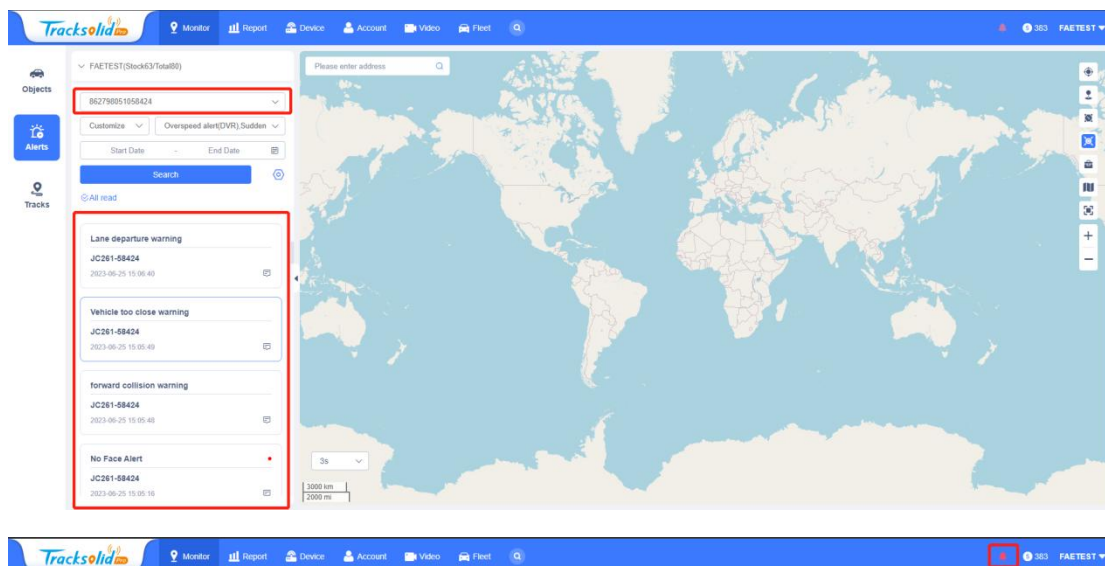
[Cancel]

Take vibrating alert as an example:

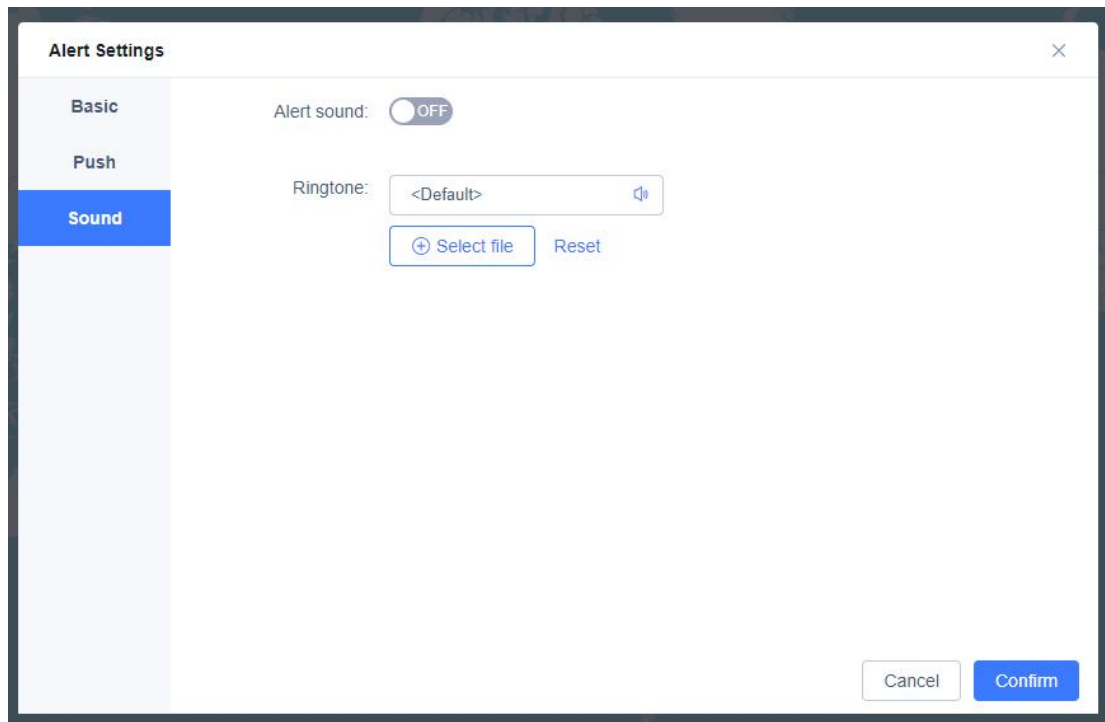
a) Check the **Web Alert, App Alert** in **Actions** corresponding to **Vibration alert**;



b) If a vibrating alert is triggered after the alert push feature is enabled, you can go to **Monitor > Events** to check the alert records or click on the **Alert** icon at the upper right corner, as the following figure shows:

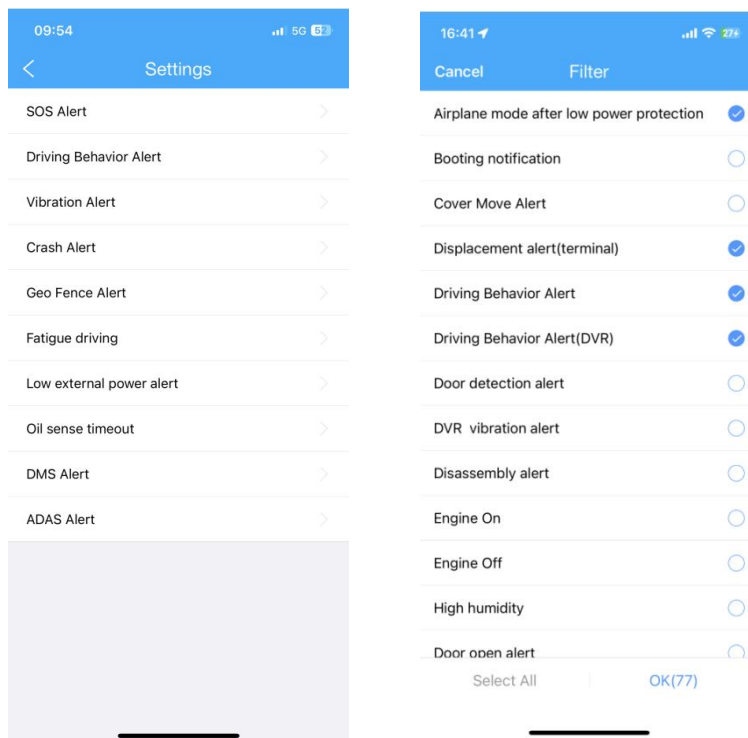


3) **Alert Sound:** You can set a notification receive ringtone in this tab.



4.3.2 Via App

Alert push feature on the platform is **disabled by default**. If you want to receive notifications after alerts are triggered, you can go to **Alerts > Switch** to enable the feature.



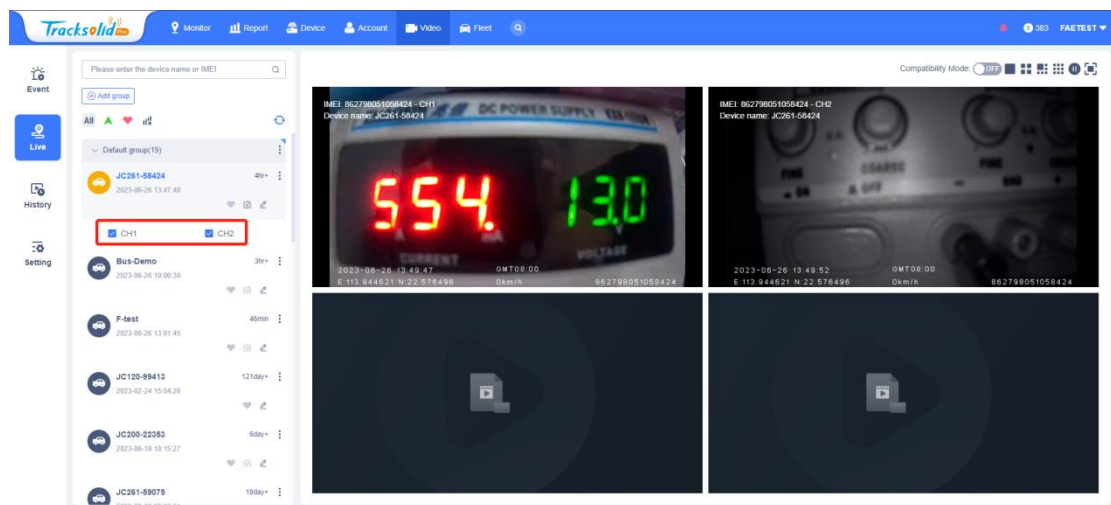
4.4 Live Video

4.4.1 Via Web

- 1) Make sure the power supply and the network connectivity of the device are normal and the camera has been correctly connected. Then log in to the web client and go to **Video > Live**;



- 2) Click on the desired device.

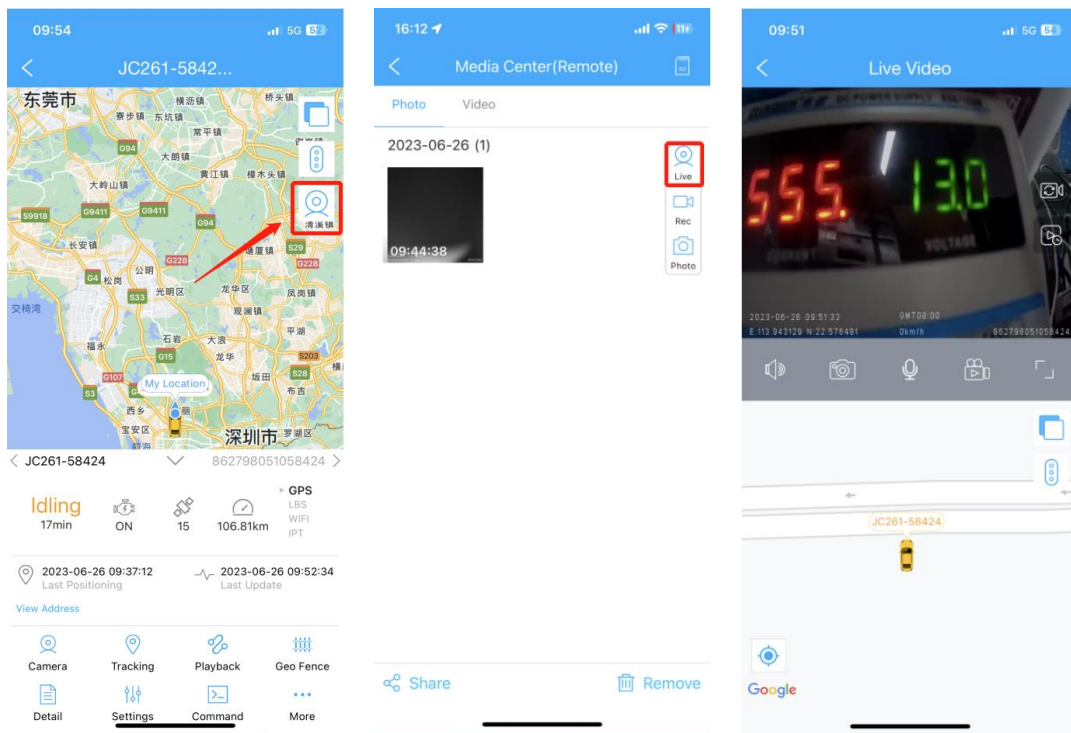


As the above figure shows, if you want to watch the live video of a device, you can either **specify the device name or IMEI in the search field or click on the device** in the list. After you click on the device, the camera channel list will appear to you to select the channel you want to live stream.

Note: The remote camera should be connected; otherwise, the platform will return an error. As JC261P already have two built-in cameras, external cameras are not required.)

4.4.2 Via App

- 1) Make sure the power supply and the network connectivity of the device are normal and the camera has been correctly connected.
- 2) Tap on the desired device, click on **Camera Icon**, as the following figure shows:



4) After that, you can view the live video of the device, as the above figure shows:

5) There has some icons which you can use at the same time, includes:



- a) **Mute Icon**, then you will not get the audio with the live video (① in the above figure);
- b) Take a **screenshot** of the live video view (② in the above figure);
- c) Press on and hold this icon, it can support **2 way communication** (③ in the above figure);
- d) Take a **screen recording** of the live video view (④ in the above figure);
- e) Click this icon to **watch in full screen** (⑤ in the above figure);
- f) Click this icon to switch to **another channel** (⑥ in the above figure);
- g) Click this icon and you will go to the **historical videos page**(⑦ in the above figure).

4.5 Historical Videos

4.5.1 Via Web

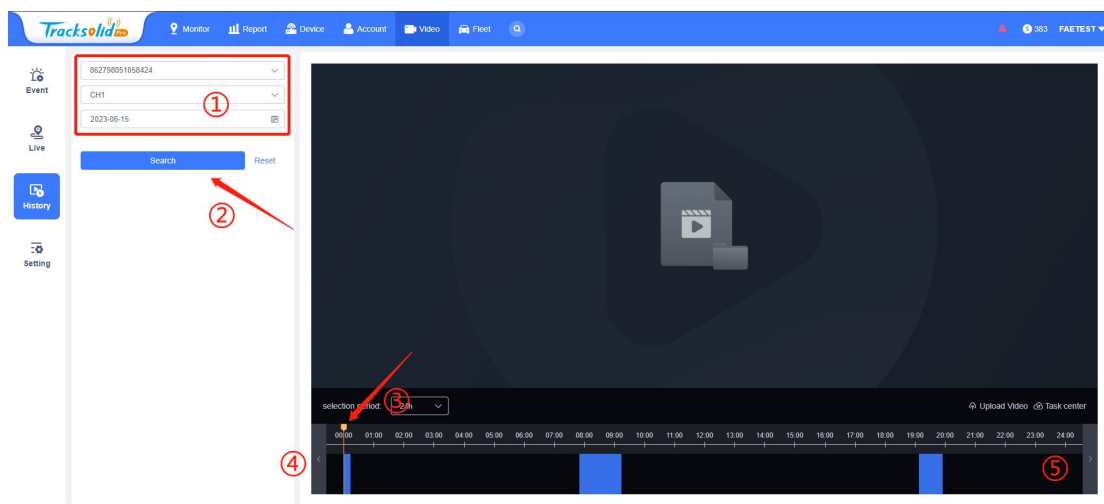
Watch historical videos

- 1) Make sure the power supply and the network connectivity of the device are normal and the camera has been correctly connected. Then log in to the web client and go to **Video** >

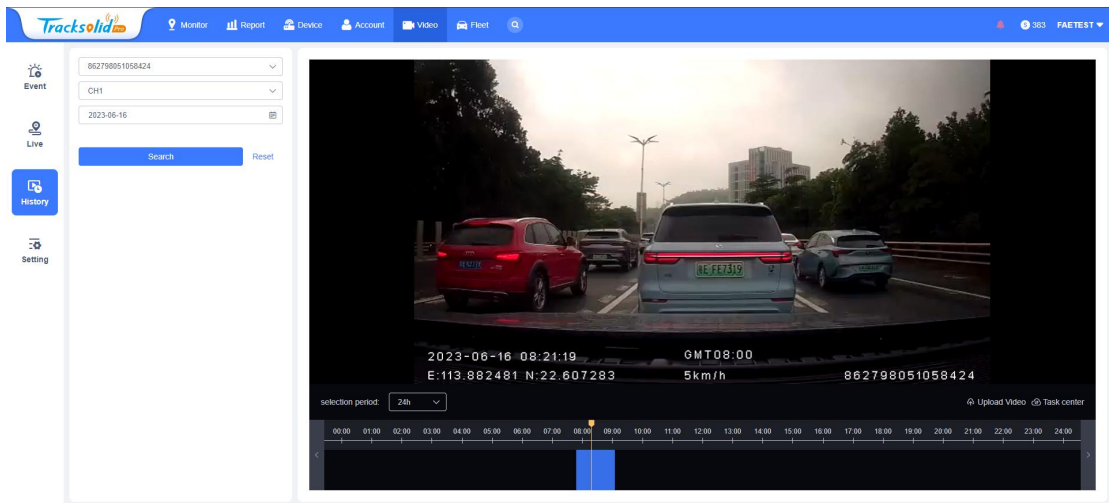
History;



- 2) Select a device via the drop-down list. The specific operations are:



- a) Specify a device in **Select device** field (1 in the above figure);
- b) Select a camera channel and a date from the calendar, then click **Search** (2 in the above figure);
- c) Drag the progress slider to the time point which you want to watch, and then it will start to push the historical videos (3 in the above figure). As the following figure shows:
- d) During playback, you still can drag the progress slider to view historical videos of different events that happened on the same day (3 in the above figure). You can also watch the video of the last or the next minute by clicking on the arrow button (4 and 5 in the above figure).



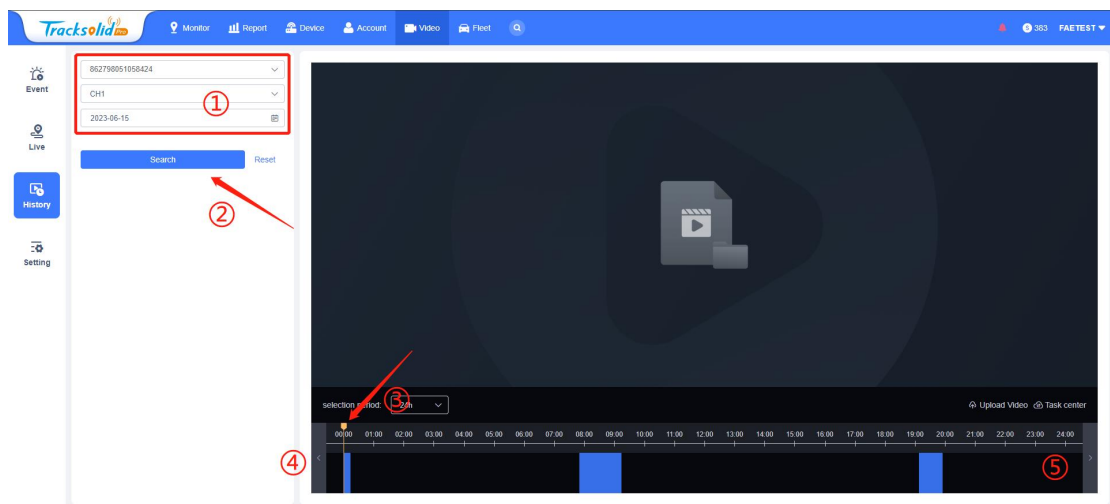
Upload historical video to server and Download to your laptop

The historical videos are saved in JC261's internal memory, so if you want to **download and save** the videos remotely, you need to follow the steps below:

1) Make sure the power supply and the network connectivity of the device are normal and the camera has been correctly connected. Then log in to the web client and go to **Video > History**;



2) Select a device via the drop-down list. The specific operations are:

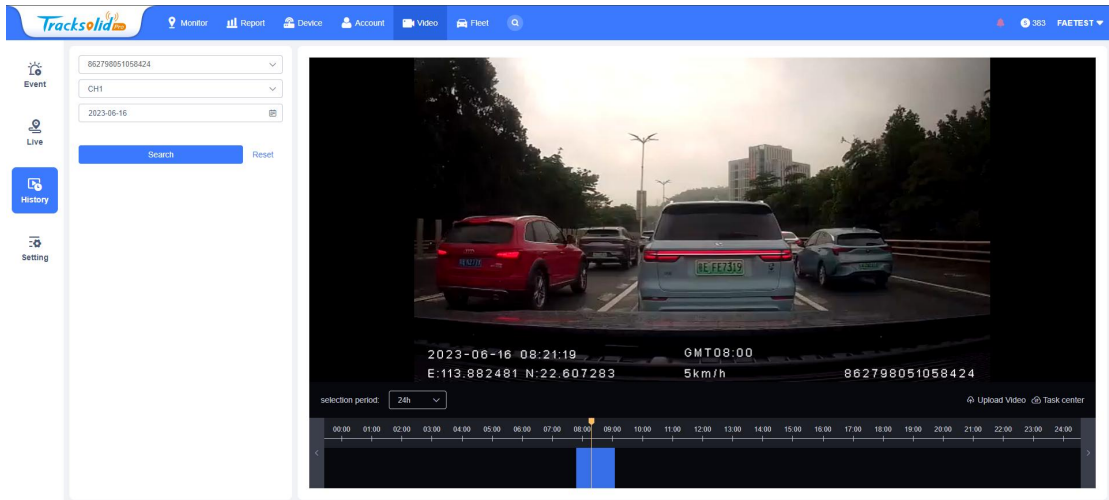


a) Specify a device in **Select device** field (① in the above figure);

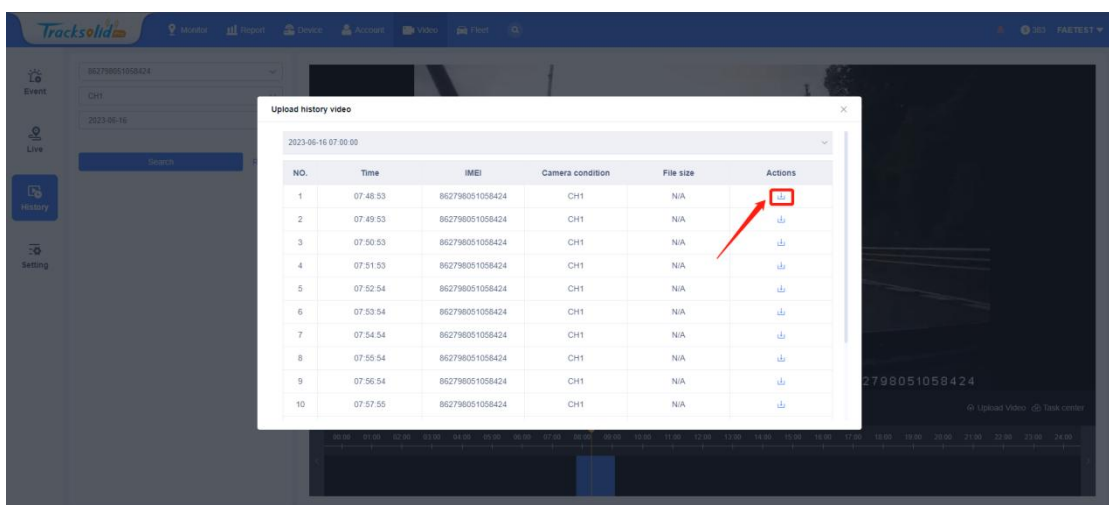
b) Select a camera channel and a date from the calendar, then click **Search** (② in the above figure);

c) Drag the progress slider to the time point which you want to watch, and then it will start

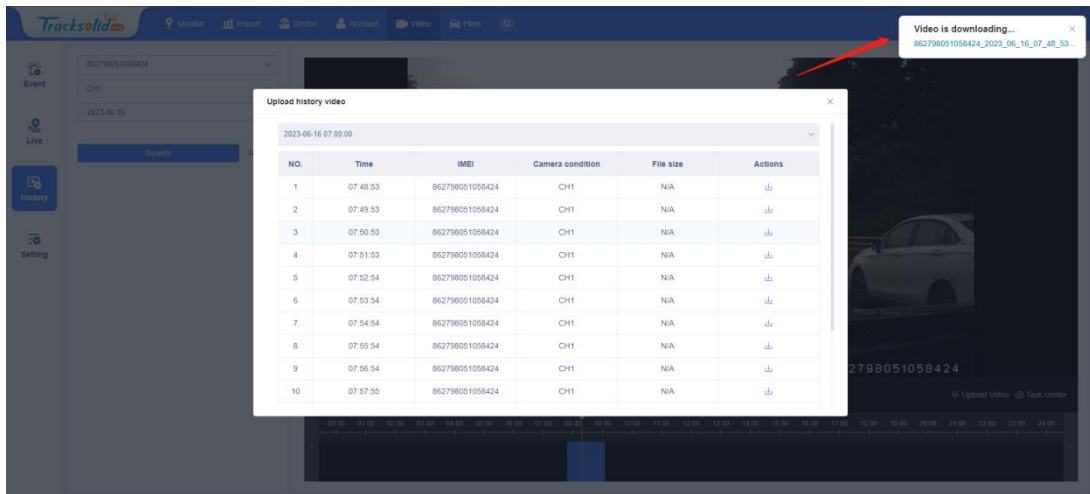
to push the historical videos (③ in the above figure). As the following figure shows:



3) Click on **Upload video** icon, then go into **upload history video** page, as the following figure shows:



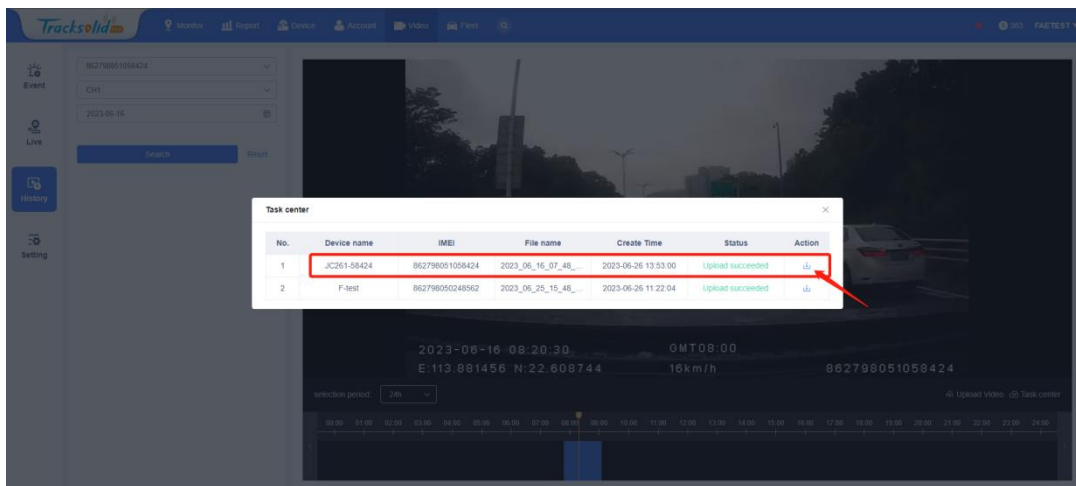
4) Choose the video which you want to get and then click on **Download** icon, then the device start to upload the historical video file to server, as the following figure shows:



5) The upload speed based on the network signal, after a while you can click on **Task center** icon and go into **Task center** page, as the following figure shows:



6) You can click **Download** icon if the status be like **Upload succeeded**, as the following figure shows:

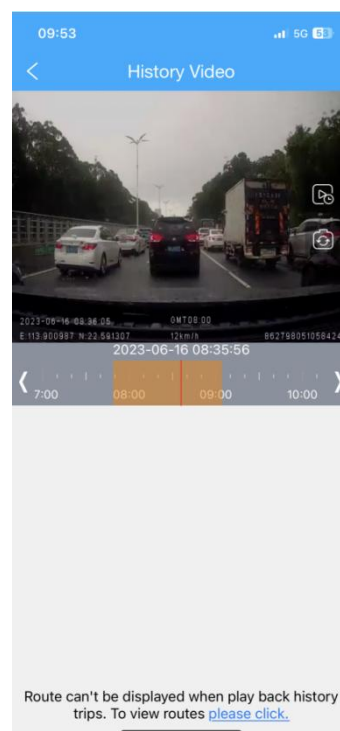
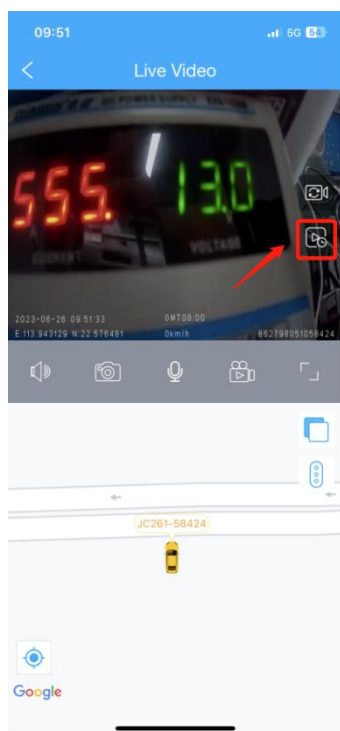


7) Please note, in Task center page, you can see all the tasks from all units under this account, and you can only query the task list 24 hours before the current time point, so please download it in time.

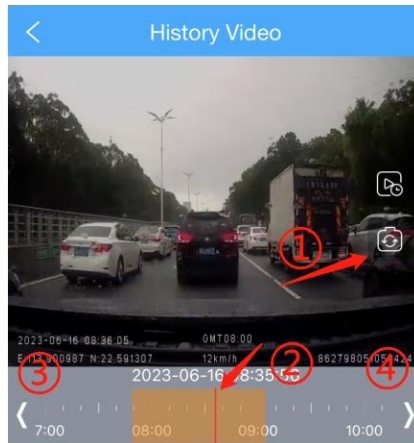
4.5.2 Via App

Watch historical videos

- 1) Make sure the power supply and the network connectivity of the device are normal and the camera has been correctly connected.
- 2) Go to **Live video page**, and click the **historical videos icon**, as the following figure shows :



- 6) After that, you can view the historical video of the device, drag the progress slider to the time point which you want to watch, and then it will start to push the historical videos, as the above figure shows:
- 7) During playback, you still can drag the progress slider to view historical videos of different events that happened on the same day (② in the following figure). You can also watch the video of the last or the next minute by clicking on the arrow button (③ and ④ in the following figure). If you want to watch another channel, you can click the switch icon (① in the following figure).



4.6 Event Alert and Video

4.6.1 Via Web

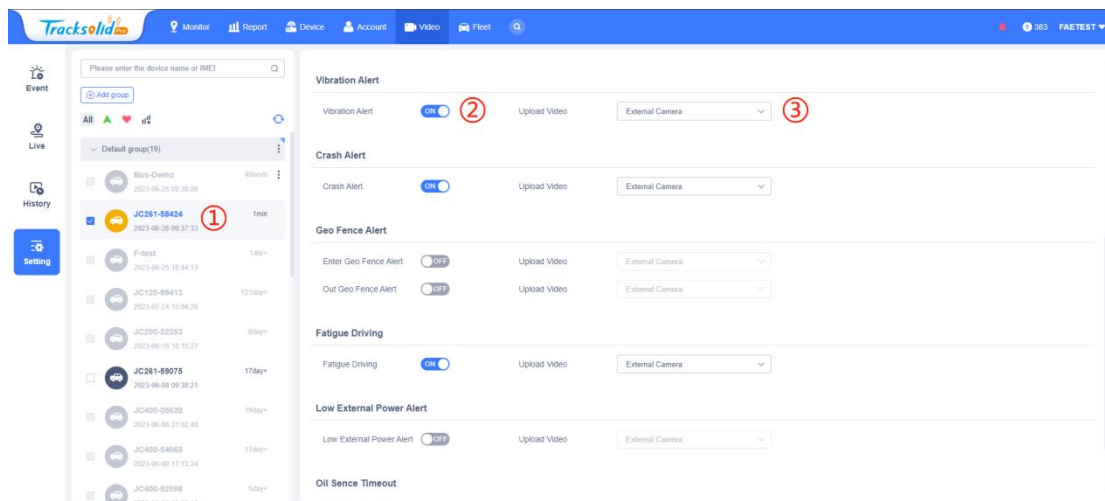
Event Video Upload Setting

By default, the device may not upload event videos to the platform. However, you can enable the event video upload feature via the platform.

Set method:

Go to **Video > Setting** and click on the device to enable the upload feature and select the camera channel to capture the event video.

The following describes the specific operations to enable the feature to upload vibration triggered event videos (example):



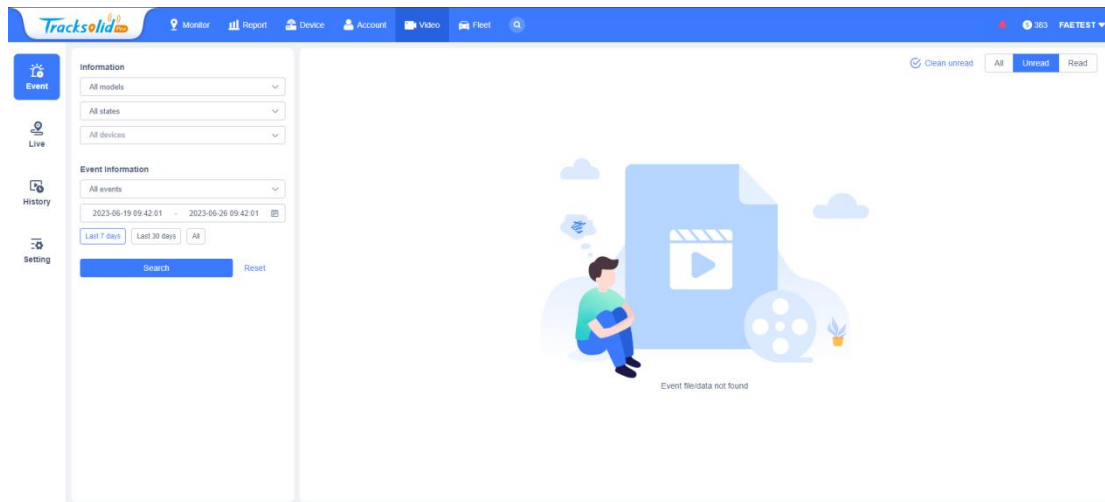
1) Set the **Vibration Alert** to **ON** (② in the above figure)

Note: select the device prior to set (① in the above figure);

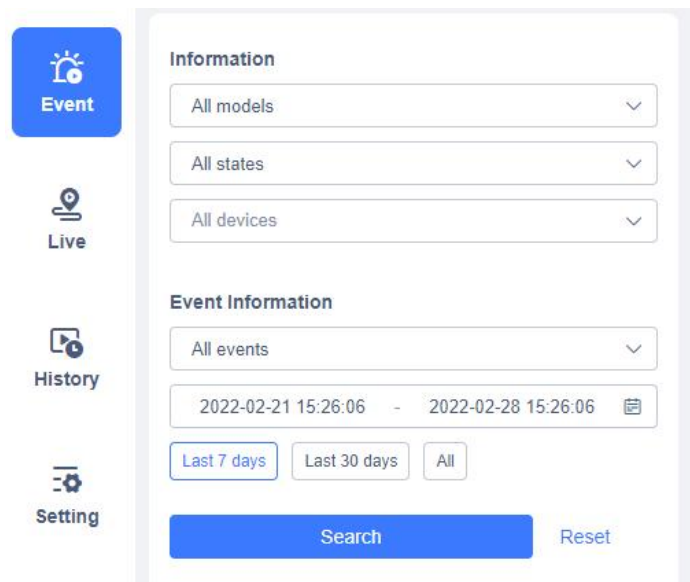
- 2) Select from the drop-down list the camera channel that will capture the video if such an alert is triggered (③ in the above figure).
- 3) After the setting is complete, click on **Save** to save the setting.

View Event Video

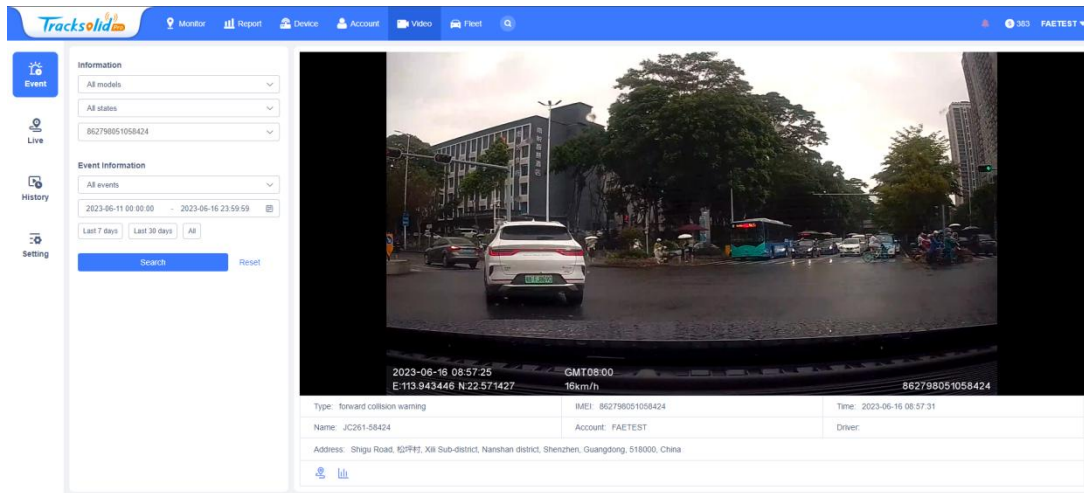
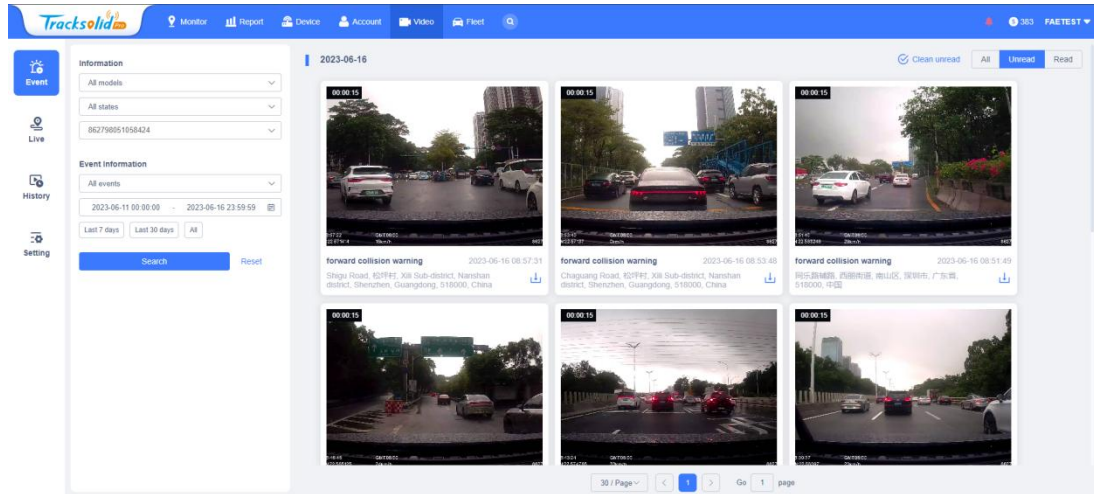
- 1) To view event videos, go to **Video > Event**;



- 2) Search for event videos by specifying parameters such as IMEI, device name, group, camera channel, capture time, and event type, as the following figure shows:



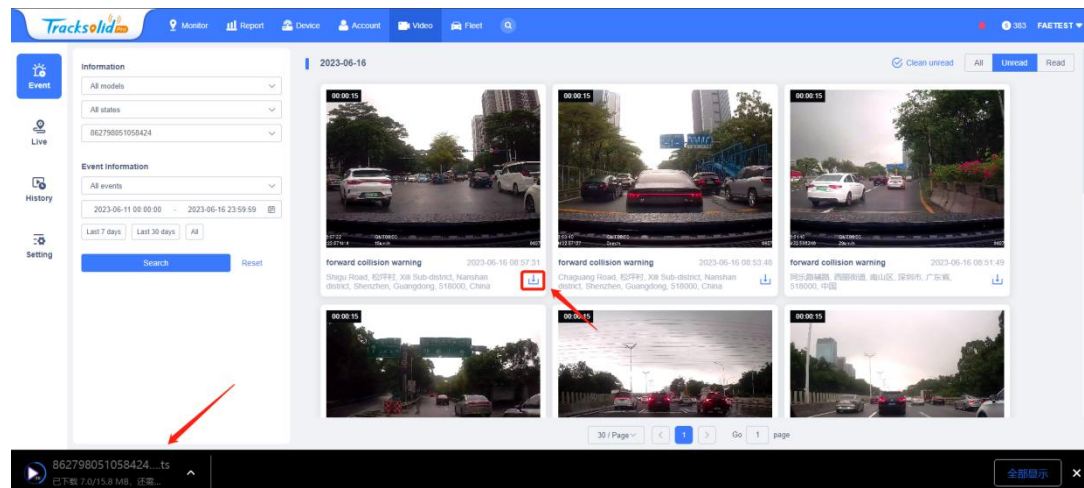
3) Click **Search** and then click on the event video to play.



If you have set to upload event videos captured by both cameras, you can specify the **All states** field to filter out videos captured by different cameras.

The video also shows the device state and other related information at the time the event happened.

If you would like to download the video to local, click the **Download** icon on the video.



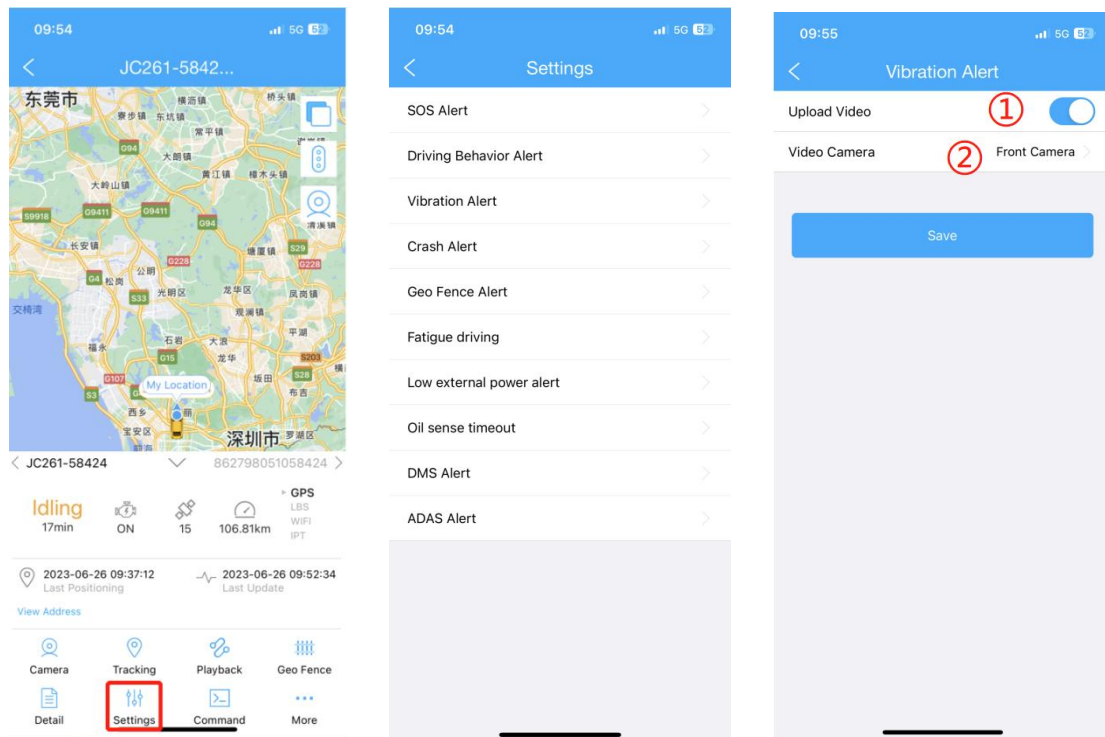
4.6.2 Via App

Event Video Upload Setting

By default, the device may not upload event videos to the platform. However, you can enable the event video upload feature via the platform.

Set method:

1) Tap on the desired device, swipe up to unfold the info bar, tap on **Setting**, as the following figure shows. The following describes the specific operations to enable the feature to upload vibration triggered event videos (example):



2) Set the **Vibration Alert** to **ON** (① in the above figure)

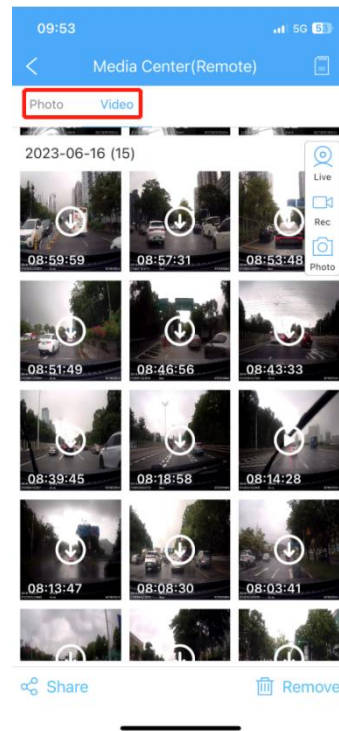
3) Select from the drop-down list the camera channel that will capture the video if such an alert is triggered (② in the above figure).

4) After the setting is complete, click on **Save** to save the setting.

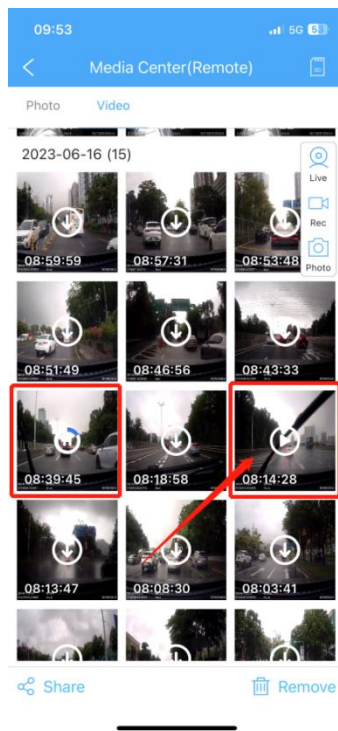
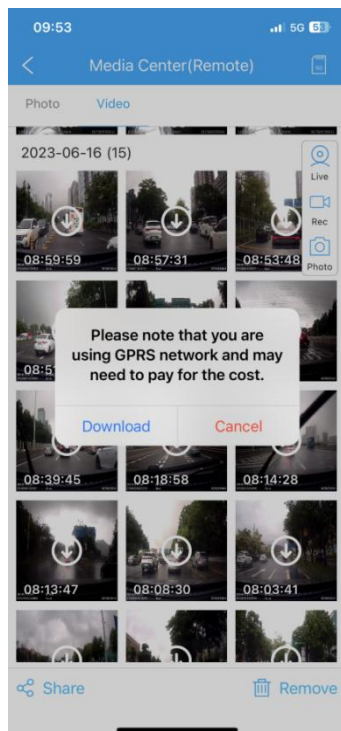
View Event Video

Method 1:

1) Tap on the desired device, click on **Camera Icon**, as the following figure shows:

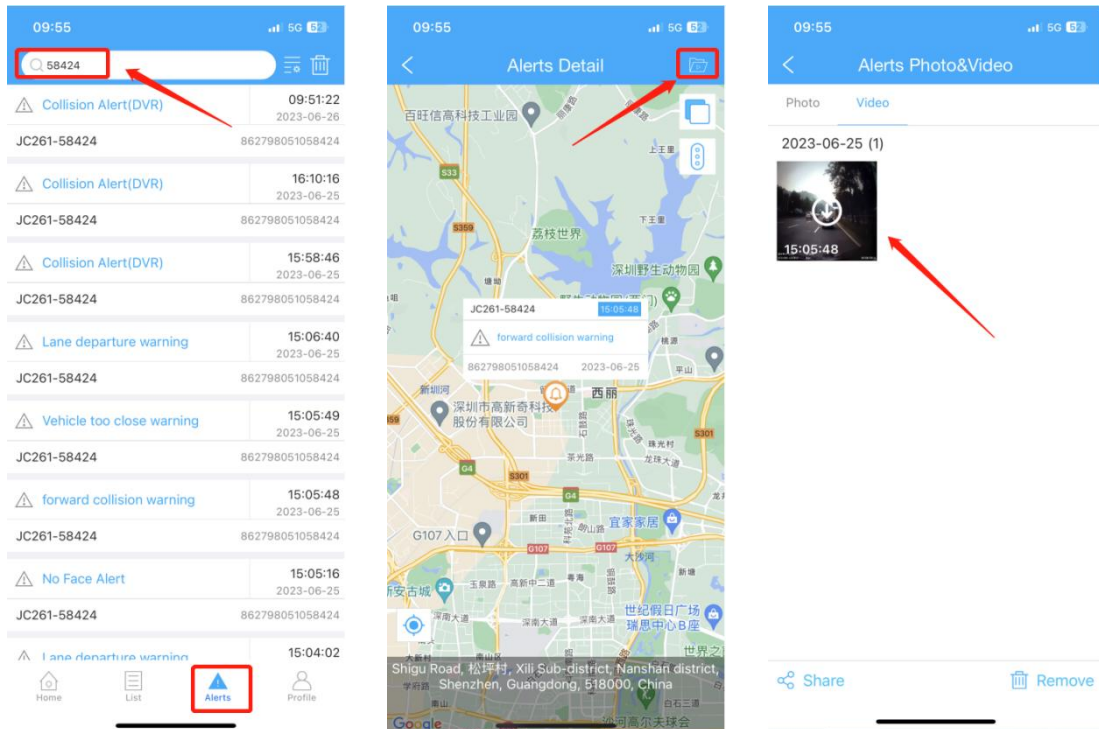


- 2) Go to **Media Center (Remote)** page, you can see all the Event pic, Manual pic, Event video and Manual pic here, as the above figure shows:
- 3) Choose the file which you want to watch and click **Download** icon, it will start to download the file from the server and after that you can display it, as the following figure shows:



Method 2:

1) Go to **Alerts** and search the unit which you want to check, as the following figure shows:



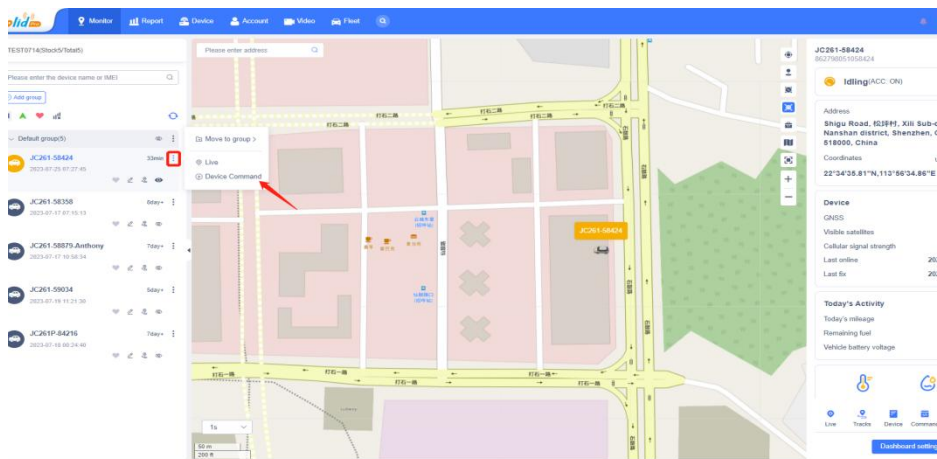
2) Click on the **Alert message** which you want to check and then go to the **Alerts Detail** page. Click on the **File icon** and then you can see the **Event video** which associated with the current alert. As the above figure shows:

4.7 Command Sending

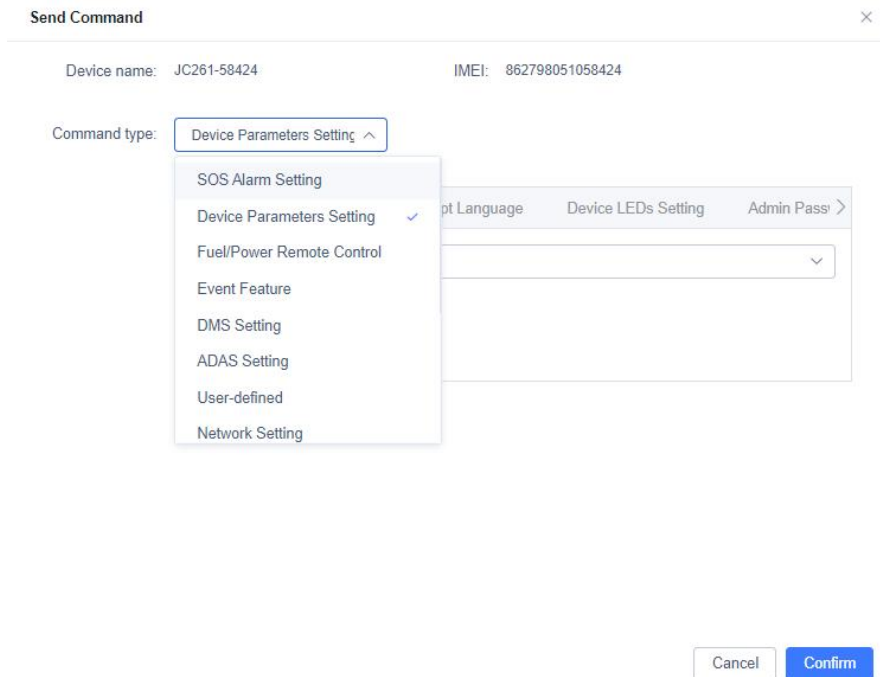
4.7.1 Via Web

1) Send command to a specific device, use following method:

a) Go to **Monitor** and click on **More Icon**;

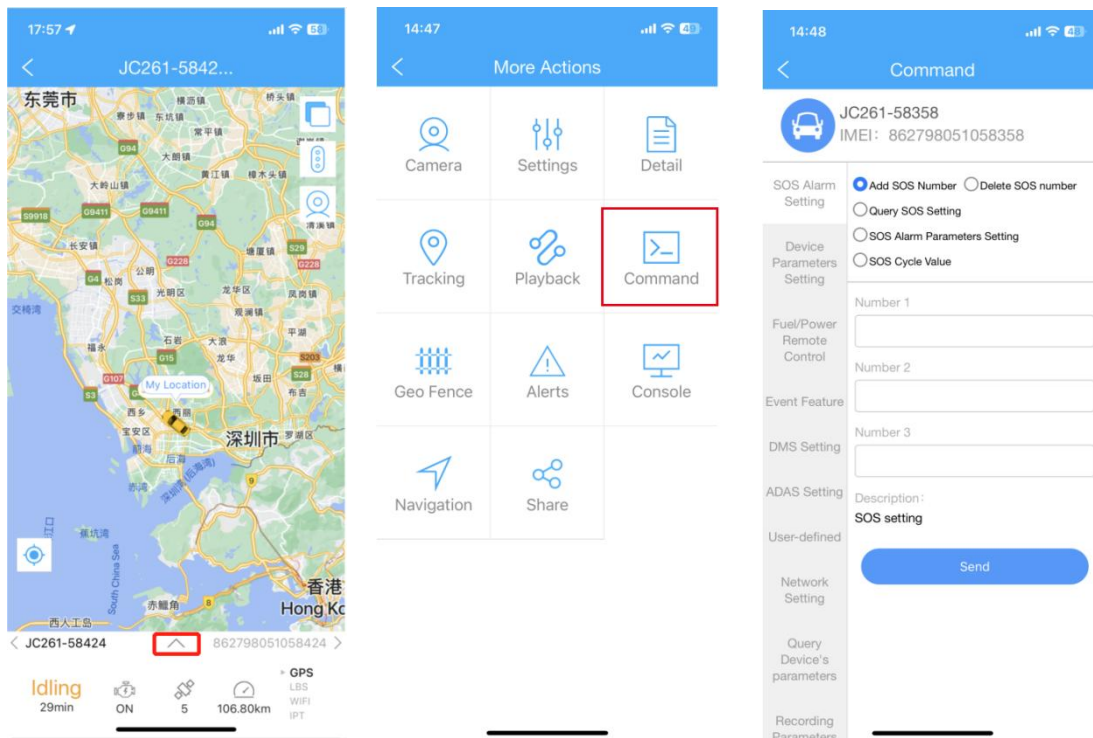


- b) Select the specific device and go to **Command Sending Page**;
- c) Follow the instruction and send the command;



4.7.2 Via App

- 1) Go to **List** and tap on the desired device, swipe up to unfold the info bar, tap on **Command**, as the above figure shows:





4.8 DMS Function Test

4.8.1 Preparation

- 1) JC261/JC261-A*1 and JC170*1;
- 2) Constant power supply*1;
- 3) Make sure the device can go online on Tracksolid Pro platform;

4.8.2 Preview

After the JC170 is connected, please power on the devices, then go to **Video > Live** to watch live videos from the two cameras of your device to see if the cameras work normally.

Note: The images captured by the JC170 are white-and-black (IR night vision), and the DMS algorithm is running in JC170 unit, so you need to use JC170 to work with JC261 to support DMS functions.

Kindly suggest you test the JC261+JC170 & DMS functions in your office first, before you install them in your vehicle and test in field, you need to make sure the DMS functions work well and know how to test it.

Currently, JC261 series can support 6 **DMS features** below, include:

Eyes closing event

Yawning event

Distraction event

Smoking event

Phone calling event

No face detected event

4.8.3 Test in office

Step1:

Enable the DMS functions:

The JC261+JC170 mode is been disabled by default, need to send command to change the working mode.

Click and go into **DMS Setting-External camera selection** page, choose **JC170 Icon** and send command to device. Please note the device will restart after few seconds.

Default is AHD Camera. Also can check the command list for more details, command No. is G001.

Send Command ×

Device name: JC261-58424 IMEI: 862798051058424

Command type: DMS Setting

External camera selection Master Switch Voice Alert Sensitivity Virtual Speed

Mode: AHD Camera JC170

Command des... JC261 Series can work with CI01 (AHD Camera), CI03 (AHD Camera) or JC170 etc. please choose and set the external camera via this command.
Note: After you enable or disable the function, the device will restart 10 seconds later

Cancel Confirm

Step2:

Set parameters of DMS feature:

Click and go into **DMS Setting-Master Switch** page, choose **ON/OFF Icon and Working Speed**, then send command to device.

Default: ON, Standard, 30km/h

Also can check the command list for more details, command No. is G002.

Send Command ×

Device name: JC261-58424 IMEI: 862798051058424

Command type: DMS Setting

ra selection Master Switch Voice Alert Sensitivity Virtual Speed

ON/OFF: ON OFF

Sensitivity: Standard Radical

Working speed: 30/KM

Command des... The DMS Setting page allows users to set DMS function parameters. On the Master Switch tab, you can enable or disable the driver behavior monitoring feature, wherein by enabling this feature sensitivity and the DMS trigger speed threshold can be set.

Cancel Confirm

Step3:

Filter the same type event, then in this period this type event will not prompt to driver again.

Click and go into **DMS Setting-Voice** page, choose the **option for each DMS feature**, then send



command to device.

Default:

Eyes closing event, Yawning event, Distraction event, Smoking event, Phone calling event 5s.

No face detected event 60s.

Also can check the command list for more details, command No. is G003.

The 'Send Command' dialog box shows the following configuration for command G003:

- Device name: JC261-58424
- IMEI: 862798051058424
- Command type: DMS Setting
- Tab: Voice
- Close eyes Voice: 5s
- Yawn Voice: 5s
- Distraction Voice: 5s
- Smoking Voice: 5s
- Phone Voice: 5s

Step4:

Filter the same type event, then in this period this type event will not upload to server.

Click and go into **DMS Setting-Alert** page, choose the **option for each DMS feature**, then send command to device.

Default:

Eyes closing event, Yawning event, Distraction event, Smoking event, Phone calling event, No face detected event 120s.

Also can check the command list for more details, command No. is G004.

The 'Send Command' dialog box shows the following configuration for command G004:

- Device name: JC261-58424
- IMEI: 862798051058424
- Command type: DMS Setting
- Tab: Alert
- Close eyes Alert: 2min
- Yawn Alert: 2min
- Distraction Alert: 2min
- Smoking Alert: 2min
- Phone Alert: 2min



Step5:

You can set the sensitivity for each DMS feature.

Click and go into **DMS Setting-Sensitivity** page, **Enter the value**, then send command to device.

Default:

Eyes closing event, Yawning event, Distraction event 2s

Smoking event, Phone calling event 3s

No face detected event 10s.

Also can check the command list for more details, command No. is G006.

Send Command

Device name: JC261-58424 IMEI: 862798051058424

Command type: DMS Setting

< ra selection Master Switch Voice Alert **Sensitivity** Virtual Speed >

Close eyes: 3 ?

Yawn: 3 ?

Distraction: 3 ?

Smoking: 3 ?

Phone using: 3 ?

Cancel Confirm

Step6:

Set the simulate speed to device :

When you test in office, the device's speed should be 0km/h, so it can not reach the speed threshold of triggering DMS event, so you can set a simulate speed to device. This parameters once successfully set, becomes invalid after the device re-enters ACC OFF mode.

Click and go into **DMS Setting-Virtual Speed** page, **Enter the value**, then send command to device. The default value of trigger threshold is 30km/h, so you need to set higher than it.

Also can check the command list for more details, command No. is G005.

Send Command ✕

Device name: JC261-58424 IMEI: 862798051058424

Command type: DMS Setting ▾

< ra selection Master Switch Voice Alert Sensitivity **Virtual Speed** >

Virtual Speed: ?

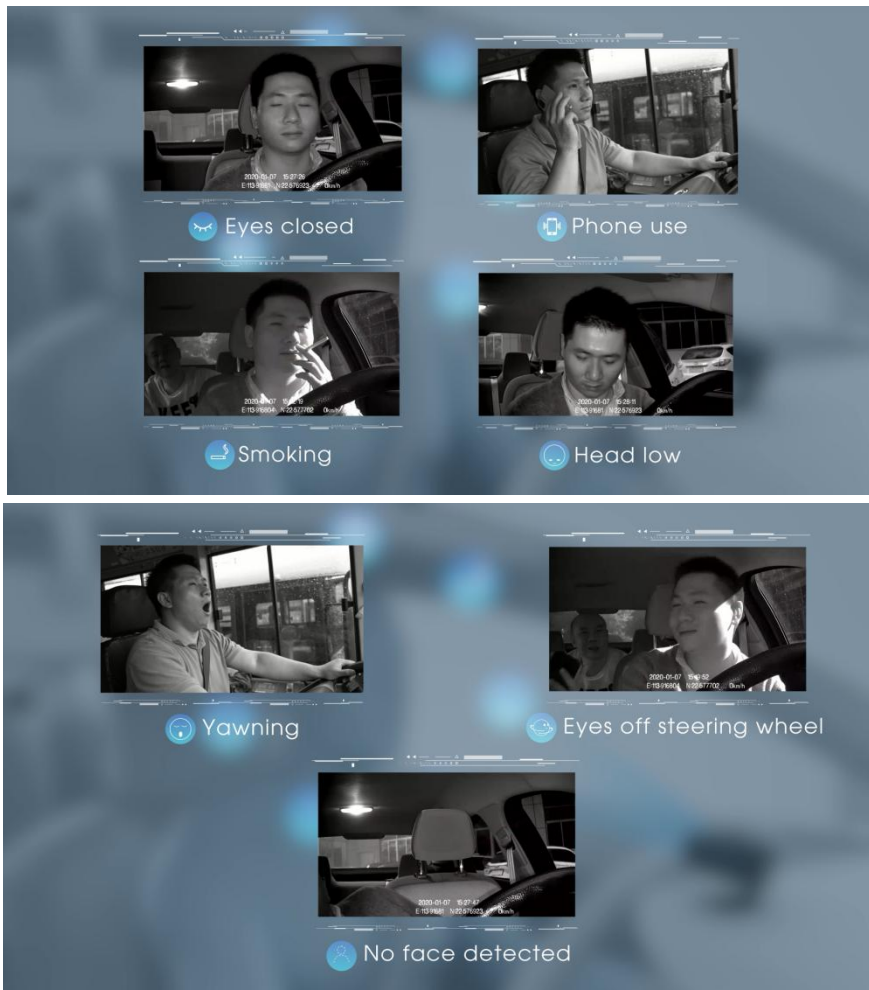
Command des... Set the speed to the device to simulate a driving test scenario, which will let you enable to test the DMS function in office. This parameter once successfully set, becomes invalid after the device re-enters ACC OFF.

Cancel Confirm

Step7:

Start the test:

Please follow the pics below to test every DMS event.



4.8.4 Test in vehicle

After you finish the testing in your office, know all the DMS feature parameters and how to set them, then you can start the test in your vehicle.

Step 1:

Please check [“1.2 More information-Installation Guide or JC261+JC170 Installation Guide”](#) to know how to install the device on your vehicle.

Step2:

Please check [“1.2 More information-ADAS & DMS Calibration Guide”](#) to know how to calibrate the DMS with your device in your vehicle.



Step3:

You can start to test and please drive carefully.

4.9 ADAS Function Test

4.9.1 Preparation

- 1) JC261 series product;
- 2) Constant power supply*1;
- 3) Make sure the device can go online on Tracksolid Pro platform;

4.9.2 Preview

Please power on the devices, then go to **Video > Live** to watch live videos from the two cameras



of your device to see if the cameras works normally.

Note: All JC261 series products can support ADAS function, but the function is disabled by default, you need enable the function before you do the test.

Currently, JC261 series can support **3 ADAS functions** below, include:

[FCW, Forward Collision Warning](#)

[HMW, Headway Monitoring & Warning](#)

[LDW, Lane Departure Warning](#)

You can send command from Web or APP side to enable the ADAS function or set the parameters, For more information how to send command to device, please check [“4.7 Command Sending”](#) part.

Send Command

Device name: JC261-58424 IMEI: 862798051058424

Command type: ADAS Setting

Function Switch Sub Function Switch Voice Filter Alert Filter Sped 1

Function Switch: Disable Enable

Command des... Function switch, Enable or Disable ADAS Function Note: After you enable or disable the function, the device will restart 10 seconds later

Cancel Confirm

4.9.3 Test in Office

Testing of ADAS functions requires actual driving scenarios, so it's difficult to test ADAS function in your office, but we suggest you can check and set all the parameters before you test in your vehicle.

Please make sure device is online when you do the settings.

Step1:

Enable the ADAS function:

Click and go into **ADAS Setting-Function Switch** page, choose **Enable Icon** and send command to device.

Default is disable. Also can check the command list for more details, command No. is G009.

Send Command ×

Device name: JC261-58424 IMEI: 862798051058424

Command type: ADAS Setting ▾

< Function Switch Sub Function Switch Voice Filter Alert Filter Sped 1 >

Function Switch: Disable Enable

Command des... Function switch, Enable or Disable ADAS Function Note: After you enable or disable the function, the device will restart 10 seconds later

Step2:

Enable or disable each ADAS feature:

Click and go into **ADAS Setting-Sub Function Switch** page, choose **Enable Icon and FCW/HMW/LDW**, then send command to device.

Default: FCW Enable, HMW Enable, LDW Disable Also can check the command list for more details, command No. is G010.

Send Command ×

Device name: JC261-58424 IMEI: 862798051058424

Command type: ADAS Setting ▾

< Function Switch **Sub Function Switch** Voice Filter Alert Filter Sped 1 >

Function: FCW HMW LDW

Switch: Disable Enable

Command des... Enable or Disable each ADAS function Note: Please make sure the ADAS function is enabled first

Step3:

Filter the same type event, then in this period this type event will not prompt to driver again.

Click and go into **ADAS Setting-Voice Filter** page, choose **FCW/HMW/LDW and enter the value**, then send command to device.

Default: FCW 60s, HMW 60s, LDW 60s Also can check the command list for more details, command No. is G012.

Send Command ✕

Device name: JC261-58358 IMEI: 862798051058358

Command type: ADAS Setting ▾

< Function Switch Sub Function Switch **Voice Filter** Alert Filter Speed >

Function: FCW HMW LDW

Value: ⓘ

Step4:

Filter the same type event, then in this period this type event will not upload to server.

Click and go into **ADAS Setting-Alert Filter** page, choose **FCW/HMW/LDW** and enter the value, then send command to device.

Default: FCW 60s, HMW 60s, LDW 60s Also can check the command list for more details, command No. is G011.

Send Command ✕

Device name: JC261-58358 IMEI: 862798051058358

Command type: ADAS Setting ▾

< Function Switch Sub Function Switch Voice Filter **Alert Filter** Speed >

Function: FCW HMW LDW

Value: ⓘ

Command des... Set the device to filter same enents be triggered Note: Please make sure the ADAS funtion is enabled

Step5:

There has a speed threshold for ADAS feature, after the vehicle's speed is higher than this speed value, then the ADAS events can be detected and triggered.

Click and go into **ADAS Setting-Speed Threshold** page, choose **FCW/HMW/LDW** and enter the value, then send command to device.

Default: FCW & HMW 30km/h, LDW 60km/h Also can check the command list for more details, command No. is G013.

Send Command ✕

Device name: JC261-58358 IMEI: 862798051058358

Command type: ADAS Setting

< Speed ThresholdSensitivity (LDW)Sensitivity (FCW & HMW)Virtual Speed>

Function: FCW HMW LDW

Value: ⓘ

Command des... Set the speed threshold value which will enable device to trigger the ADAS event after device's speed over it. Note: Please make sure the ADAS funtion is enabled (G009)

Cancel Confirm

Step6:

You can set the sensitivity for each ADAS feature.

Click and go into **ADAS Setting-Sensitivity (LDW) OR Sensitivity (FCW & HMW)** page, **Enter the value**, then send command to device.

Default: FCW 1.5, HMW 1.0, LDW -0.1 Also can check the [command list](#) for more details, **command No. is G014.**

Send Command ✕

Device name: JC261-58358 IMEI: 862798051058358

Command type: ADAS Setting

< Speed ThresholdSensitivity (LDW)Sensitivity (FCW & HMW)Virtual Speed>

Value: ⓘ

Command des... Set the trigger sensitivity of LDW event. Note: Please make sure the ADAS funtion is enabled The smaller the value, the more sensitive. A negative value indicates the distance to the compression line, while a positive value indicates the distance to the compression line.

Cancel Confirm

X

Device name: JC261-58358 IMEI: 862798051058358

Command type: ADAS Setting

< Speed Threshold Sensitivity (LDW) **Sensitivity (FCW & HMW)** Virtual Speed >

Function: FCW HMW

Value:

Command des...: Set the trigger sensitivity of each ADAS event. Note: Please make sure the ADAS function is enabled

Cancel
Confirm

4.9.4 Test in Vehicle

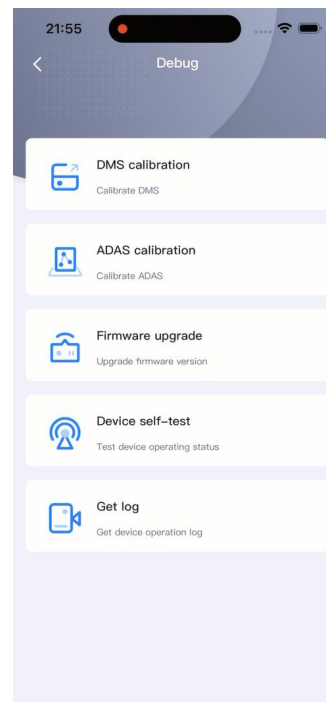
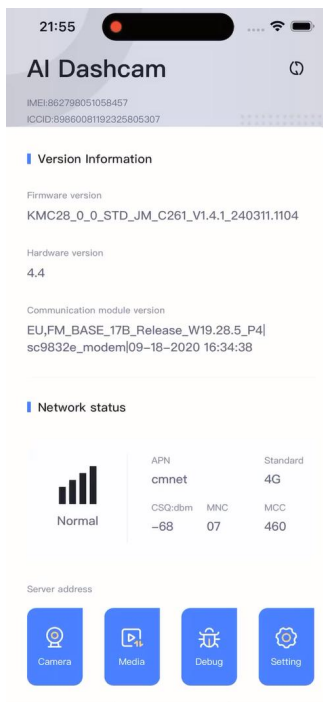
After you finish the testing in your office and know all the ADAS feature parameters and how to set them, then you can start the test in your vehicle.

Step 1:

Please check [“1.2 More information-Installation Guide or JC261+JC170 Installation Guide”](#) to know how to install the device on your vehicle.

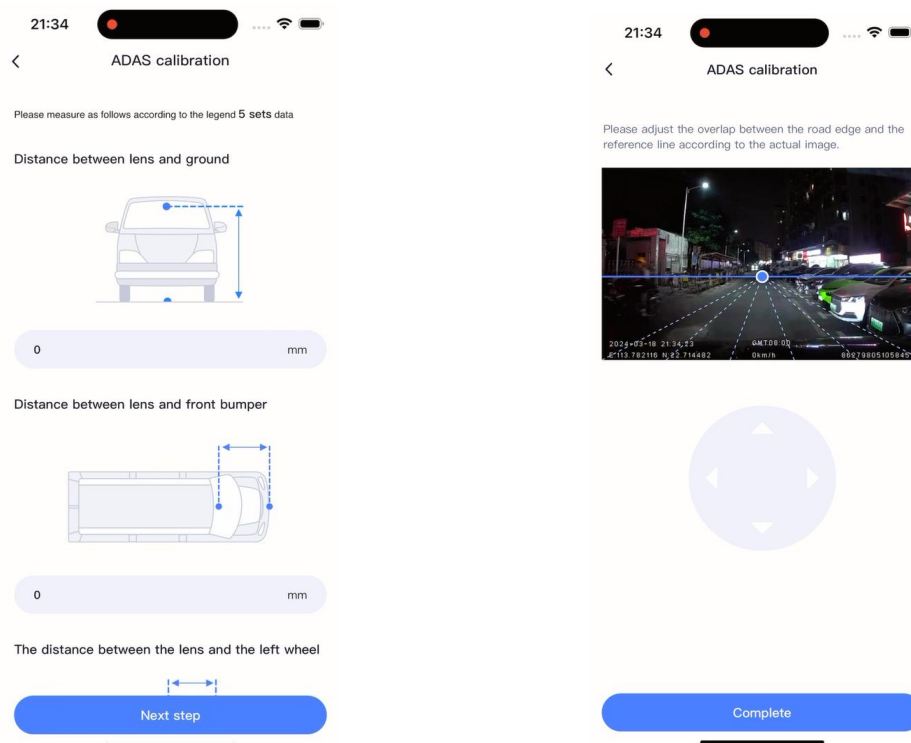
Step2:

Please connect your phone to the device’s wifi hotspot, and then click and Login the WiFiKit APP.



Click and go into **Debug-ADAS Calibration** page, please check the pictures and get all the value we need, then enter the values there. Then click **Next step**.

Click the icon and move the calibration lines on the UI to align the **horizontal line with the horizon and the vertical line** with the straight ahead of the vehicle. Then click **Complete** icon.



Step4:

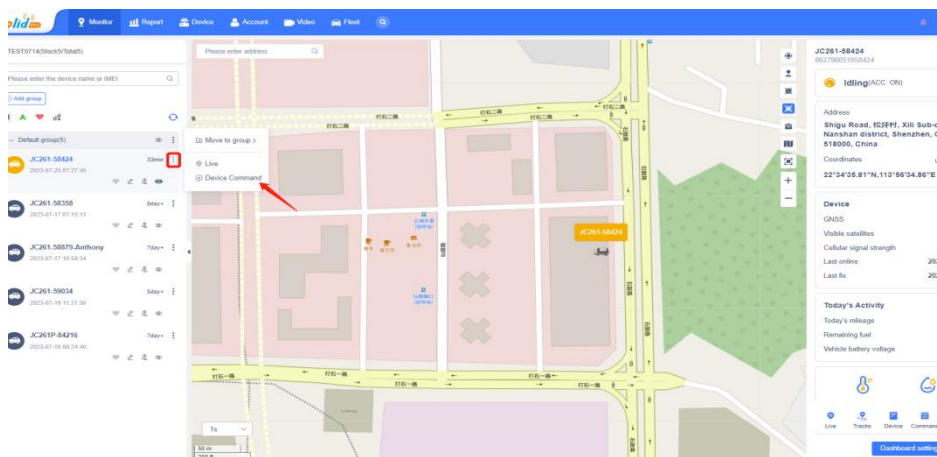
You can start to test and please drive carefully.

4.10 Change the voice broadcast language

4.10.1 Use device's built-in voice files

Currently, the device can support multiple language, details please Check **Command No.B026**. Please make sure the firmware version is **KMC28_0_0_STD_JM_C261_V1.3.1_231115.1108** or later. Send command to a specific device, use following method:

- 1) Go to **Monitor** and click on **More Icon**;



2) Select the specific device and go to **Command Sending Page**;

3) Follow the instruction and send the command;

Send Command ✕

Device name: JC261-58457 IMEI: 862798051058457

Command type: Device Parameters Setting

Volume Setting
Voice Prompt Language (JC261)
Device LEDs Setting
Adn >

Language: English

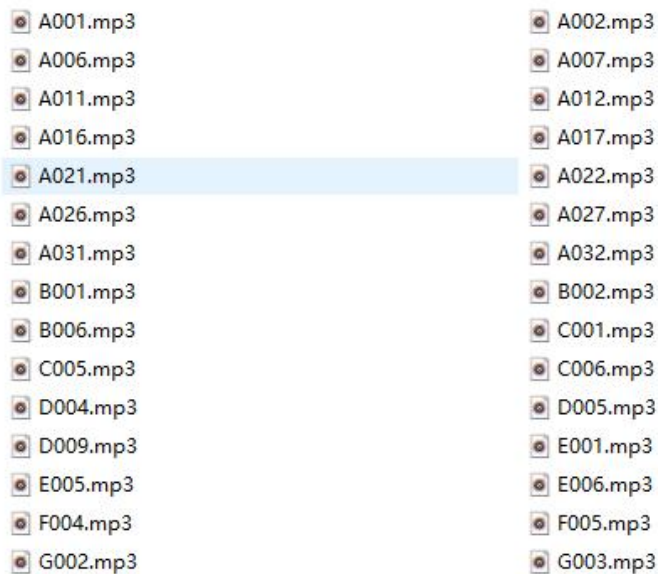
- English ✓
- Chinese
- That
- Arabic
- Russian
- Portuguese
- Spanish
- Turkish

Cancel
Confirm

4.10.2 Use User-defined voice file

If you are not satisfied with the device's built-in voice broadcast content, or if you want to customize the device's voice broadcast content, you can check the following steps.

- 1) You can check the content of the current device's built-in voice broadcast first, and then output the content you want accordingly. **Please check "DVR Voice Library" document.**
- 2) You can record corresponding **MP3. audio** files based on the voice broadcast content. Please note that each audio file must be named with its corresponding name (E.g: A001, A002, A003 etc.). Please check the "Audio Name" column.



- 3) Place all voice files in a folder and then zip the folder.
- 4) Place the zip format file in the HTTP server and generate the corresponding download link. Please make sure the link can let device download the zip. File successful, you can enter this link in browser, to see if the download process will start by auto or not.
- 5) Need to send command to device to let it download the voice file, You can click and go into **User-defined Command** page, **Enter the command content**, then send command to device.
AUDIOURL,<A>;
A is URL to download the voice prompt file.
Once this command received, device will start to download the file from URL.
Note: Please contact JIMI product team to get the list how to prepare the voice prompt file
E.g: [AUDIOURL,http://183.238.245.122:1115/download/Voice/English.zip](http://183.238.245.122:1115/download/Voice/English.zip)
- 6) Please wait for 2-3mins to let device download the voice file, then please send command to change the language. Select the specific device and go to Command Sending Page; Follow the instruction and send the command;

Device name: JC261-58457

IMEI: 862798051058457

Command type: Device Parameters Setting ▾

< Volume Setting Voice Prompt Language (JC261) Device LEDs Setting Adn >

Language: English ▾

- Deutsch
- Hindi
- Japanese
- Korean
- Urdu
- Bengali
- Mute
- User-defined

Cancel Confirm

7) You can trigger any event to see if the voice prompt is correct or not.